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September 15, 1965 Volume 14, Number 5

TECHNICAL TRANSLATIONS

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FORMAT

This journal is separated into five sections:

(1) Bibliographic citations are divided into 22 major fields; they are further subdivided alphanumerically under 178 groups. References to sources of original text are given as they appear on the translation, with sufficient editing to assure uniformity in citations.

(2) Translations in Process lists titles of translations being prepared by government and private sources. All Special Foreign Currency Science Information (SFCSI) Program translations are listed (formerly PL 480 Program).

(3) Translated or Abstracted Publications lists titles of approximately 190 technical and scientific periodicals regularly translated into English. Included is a cross reference by English title.

(4) Translated Tables of Contents of recent issues of monographs, journals, and journal sections; they are preceded by a list of the English titles of the publications from which they are taken.

(5) Indexes: three indexes are arranged by author, journal and number.

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TECHNICAL TRANSLATIONS

01 AERONAUTICS

A. Aerodynamics

TT-65-12065 Field 1A

Vulfson, N. I.; Levin, L. M.
DESCENDING CONVECTIVE CURRENTS (Niskhodyashchie Konvektivnye Potoki). 7p, 9refs.
Order from SLA: $1.10 as TT-65-12065

Trans. of Akademiya Nauk SSSR. Doklady, v158 n6 p1320-3 1964.

TT-65-31388 Field 1A, 1B, 13A, 13H, 14B

EAST EUROPEAN SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 8. 30 Jun 65, 54p. JPRS-30884.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-31388

Contains abstracts of articles from East European scientific and technical journals.

B. Aeronautics

TT-65-62623 Field 1B

Mosolov, G.
WORLD'S RECORD OF AVIATOR, ALEKSANDER FEDOTOV. 9 Jul 65, 7p. FTD-TT-65-545; AD-617 945.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-617 945

Unedited rough draft trans. from Pravda, Moscow (USSR) 18 Apr 1965.
Available copy will not permit fully legible reproduction.

C. Aircraft

TT-65-62622 Field 1C

Plaksin, V.
NEW GLIDERS. 12 Jul 65, 9p, (some figs omitted). FTD-TT-65-833; AD-617 946.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-617 946

Unedited rough draft trans. of Krylya Rodiny (USSR) v11 n7 p17-8 1960.
Available copy will not permit fully legible reproduction.

02 AGRICULTURE

B. Agricultural economics

TT-64-41177 Field 2B, 2C

Shenger, Yu.
HOW KOLKHOZ AND SOVKHOZ ADMINISTRATIONS SHOULD PAY THEIR WORKERS (AND) IRRIGATION AND LAND DEVELOPMENT ARE AN INSEPARABLE UNIT. Soviet Agriculture: Tanslations no. 31. 13 Aug 64, 17p. JPRS-25906.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-41177

Trans. from Ekonomicheskaya Gazeta (USSR) n25(150) p31 Jun 20 1964 and trans. of Narodnoe Khozyaistvo Srednei Azii (USSR) n5 p51-4 May 1964.
Available copy will not permit fully legible reproduction.

TT-65-31393 Field 2B, 2D

Basov, A.
SOVIET AGRICULTURE CREW BY 1.9 PERCENT DURING THE LAST FIVE YEARS (AND) EIGHTY PERCENT OF SPRING SOWING COMPLETED IN THE RUSSIAN FEDERATION. Soviet Agriculture: Translations no. 82. 1 Jul 65, 21p. JPRS-30894.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31393

Trans. of Ekonomika Selskogo Khozyaistva (USSR) v36 n4 p1-9 Apr 1965 and trans. from Sovetskaya Rossiya (USSR) 1 Jun p1 1965.

TT-65-31513 Field 2B

PEOPLE'S CONTROL OVER THE HARVEST (AND) LABOR DISCIPLINE. Pravda Editorials: Translations no. 467. 9 Jul 65, 11p. JPRS-31015.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31513

Trans. from Pravda, Moscow (USSR) 6 Jul p1; 7 Jul p1 1965.
Available copy will not permit fully legible reproduction.

C. Agricultural engineering

TT-65-27883 Field 2C

Nastenko, N. K. and Gurarii, I. M.
AUTOMATIC CONTROL OF THE DRUM FEED OF THE SK-3 COMBINE-HARVESTER (Avtomaticheskoe Regulirovanie Zagruzki Molotilki Kombaina SK-3). Tr. by J. P. Kemp. NIAE-tr-163.
Order from NIAE: NIAE-tr-163

Trans. of Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Selskogo Khozyaistva (USSR) v17 n3 p45-9 1959.

TT-65-28103 Field 2C

Kozlov, V. V.
THE TECHNOLOGY OF HARVESTING POTATOES BY THE PULLING METHOD (O Tekhnologii Uborki Kartofelya Sposobom Terebleniya). Tr. by P. J. Kemp. NIAE-tr-164.
Order from NIAE: 4s. as NIAE-tr-164

Trans. of Vestnik Selskokhozyaistvennoi Nauki (USSR) v9 n7 p89-95 1964.

TT-65-30469 Field 2C

Volin, P.; Khotko, N.
USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 173. 9 Mar 65, 12p. JPRS-29046.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30469

Trans. from Selskaya Gazeta, Moscow (USSR) 2 Feb p1; 7 Feb p2 1965. Ekonomicheskaya Gazeta (USSR) n6(183) p37 Feb 10 1965.
Available copy will not permit fully legible reproduction.

TT-65-30505 Field 2C

Chernoyarskii, A. N.; Korbut, V. A.; Moiseev, N. F.
MECHANIZATION - THE BASIS FOR INDUSTRIAL SCALE PRODUCTION IN ANIMAL AND POULTRY HUSBANDRY (AND) FERTILIZER EQUIPMENT AND SPRAYERS FOR CONTROL OF GRAPE PESTS AND DISEASES. USSR Industrial Development: Soviet Tractors and Agricultural Machinery no. 175. 15 Mar 65, 12p. JPRS-29105.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30505

Trans. of Traktory i Selkhozmashiny (USSR) v34 n12 p1-2 Dec 1964. Vinodelie i Vinogradarstvo SSSR, v24 n2 p46-52 Feb 1964.
Available copy will not permit fully legible reproduction.

TT-65-30556 Field 2C

Petrov, N.
UNECONOMIC PRACTICES IN DELIVERY OF SEEDING MACHINES (AND) LOW-QUALITY SPARE PARTS FOR FARM MACHINERY IN KAZAKHSTAN. USSR Industrial Development: Soviet Tractors and Agricultural Machinery no. 179. 22 Mar 65, 12p. JPRS-29219.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30556

Trans. from Pravda, Moscow (USSR) 24 Jan p2. Selskaya Zhizn (USSR) 8 Jan p2 1965.

TT-65-30609 Field 2C

Trepenenkov, I. I.; Tetelbaum, Z. I.; Yasyunas, E.
TRACTOR OUTPUT IN 1965 (AND) PRODUCTION OF MACHINERY TO HELP VEGETABLE GROWERS. USSR Industrial Development: Soviet Tractors and Agricultural Machinery. 30 Mar 65, 26p. JPRS-29341.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30609

Trans. of Traktory i Selkhozmashiny (USSR) v35 n1 p1-11 Jan 1965 and trans. from Leninskoe Znamya (USSR) 20 Dec p2 1964.

TT-65-30650 Field 2C

Varaksin, F. D.
TECHNICAL PROGRESS IN THE LUMBER AND SAWMILL-WOODWORKING INDUSTRY. USSR Industrial Development: Soviet Tractors and Agricultural Machinery no. 183. 5 Apr 65, 14p. JPRS-29427.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30650

Trans. of Mekhanizatsiya i Avtomatizatsiya Proizvodstva (USSR) v18 n11 p14-9 Nov 1964.

TT-65-30695 Field 2C

Koshman, V.; Fedorov, K.
VIBRATION SUPPRESSION IN TRACTORS (AND) NEW METHODS TO BE USED AT CHIRCHIK AGRICULTURAL MACHINE-BUILDING PLANT. USSR Industrial Development: Soviet Tractors and Agricultural Machinery no. 185. 9 Apr 65, 17p. JPRS-29513.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30695

Trans. of Nauka i Zhizn (USSR) v31 n10 p18-21 Oct 1964 and trans. from Pravda Vostoka (USSR) 11 Dec p3 1964.
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TT-65-31135 Field 2C

Ezhevskii, A.; Kovalenko, N.
TECHNICAL MAINTENANCE IN AGRICULTURE TO BE IMPROVED IN THE SOVIET UNION (AND) NEW IMPROVED TYPES OF AGRICULTURAL MACHINERY. USSR Industrial Development: Soviet Tractors and Agricultural Machinery no. 203. 1 Jun 65, 14p. JPRS-30363.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31135

Trans. from Selskaya Zhizn (USSR) 17 Apr p2 1965. Rabochaya Gazeta (USSR) 21 Apr p1 1965.

TT-65-31216 Field 2C

USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 206. 9 Jun 65, 17p. JPRS-30511.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31216

Trans. of Zashchita Rastenii ot Vreditelei i Boleznei (USSR) v10 n3 p26-30 Mar 1965 and trans. from Ekonomicheskaya Gazeta (USSR) n4(181) p31-2 Jan 27; n13(190) p19 Mar 31 1965.

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USSR INDUSTRIAL DEVELOPMENT: TRACTORS AND AGRICULTURAL MACHINERY NO. 211. 30 Jun 65, 26p. JPRS-30874.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31386

Trans. of 8 selected articles from 1965 issues of various Russian periodicals.

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USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 215. 19 Jul 65, 24p. JPRS-31132.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31630

Trans. of 8 selected articles from May-Jun 65 issues of various Russian newspapers.

D. Agronomy and horticulture

TT-65-31387 Field 2D, 6E, 6C

Ch'en Yung-k'ang.; Lu Ch'i-yao.; Kuo Yuan-hua.
COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY:

TRANSLATIONS NO. 193. 30 Jun 65, 29p, 7refs.
JPRS-30881.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-31387

Trans. of selected articles from 1963-65 issues of various Communist Chinese periodicals.
Document contains halftone illustrations which are difficult to read in reprints.

E. Animal husbandry

TT-65-11986 Field 2E

FEED SUPPLEMENT. 5p.
Order from SLA: $1.10 as TT-65-11986

Trans. of Patent (Belgium) 612 832.
Patented by F. Hoffmann-La Roche and Co., Basel, Switzerland, 19 Jan 62 (Priority: Switzerland, No. 2133/61, 22 Feb 61).

03 ASTRONOMY AND ASTROPHYSICS

A. Astronomy

TT-65-31568 Field 3A, 9E

Kalachev, P. D.; Salomonovich, A. E.
INCREASING THE EFFECTIVE AREA OF THE ANTENNA OF A RADIOTELESCOPE BY REDUCING SCATTERING FROM THE SUPPORTS. 13 Jul 65, 16p. JPRS-31070.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31568

Trans. of Akademiya Nauk SSSR. Fizicheskii Institut. Trudy, v28 p104-15 1964.

B. Astrophysics

TT-65-28386 Field 3B

Ginzburg, V. L.; Pisareva, V. V.
DIE POLARISATION DER RADIOEMISSION DISKRETER QUELLEN UND DIE UNTERSUCHUNG DES METAGALAKTISCHEN, GALAKTISCHEN UND SONNENNAHEN RAUMS. 22p.
Order from ETC or TIB: $2.60 as TT-65-28386

Trans. in German of Izvestiya Vysshikh Uchebnykh Zavedenii. Radiofizika (USSR) v6 n5 p877-88 1963.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.
Another trans. is available in English from CFSTI or ETC $0.75 as TT-63-11734, NRL-Trans-946, 23p.

04 ATMOSPHERIC SCIENCES

A. Atmospheric physics

TT-65-62648 Field 4A, 0H

Gusev, V. D.
DETERMINATION OF THE EFFECTIVE COLLISION FREQUENCY IN THE IONOSPHERE. 13 Jul 65, 8p, 2refs. FTD-TT-65-101; AD-618 091.
Oder from CFSTI or ETC: HC$1.00, MF$0.50 as AD-618 091

Uedited rough draft trans. of Moscow Univ. Vestnik. Seriya Matematiki, Mekhaniki, Astronomii, Fiziki, Khimii (USSR) v14 n1 p105-8 1959.
Another trans. is available from MDF $2.00 as MDF G-166, 4p.

B. Meteorology

TT-64-41897 Field 4B

Mashkovich, S. A.
ON THE CALCULATION OF NON-ADIABATIC PROCESSES IN NUMERICAL SHORT-RANGE PRESSURE FORECASTING. 30 Sep 64, 12p, 6refs. JPRS-26639; N64-30875.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-41897

Trans. of Tsentralnyi Institut Prognozov. Trudy (USSR) v126 p38-46 1963.
Another trans. is available from CFSTI or ETC HC$1.00, MF$0.50 as TT-65-61362, 11p.

TT-64-51918 Field 4B, 9B

Petrichenko, I. A.
COMPUTING THE TRAJECTORIES OF AIR PARTICLES. 11 Dec 64, 11p, 2refs. JPRS-27797.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51918

Trans. of Meteorologiya i Gidrologiya (USSR) n10 p22-7 Oct 1964.

TT-65-31184 Field 4B

Varzhenevskii, N. S.; Meltser, R. A.
AN INVESTIGATION OF THE POSSIBILITY OF USING ELECTRETS IN METEOROLOGICAL INSTRUMENTS. 8 Jun 65, 9p, 4refs. JPRS-30467.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31184

Trans. of Nauchno-Issledovatelskii Institut Gidrometeorologicheskogo Priborostroeniya. Trudy (USSR) v12 p84-8 1964.

TT-65-31309 Field 4B

Khanevskaya, I. V.
SEASONAL CHANGES OF THE TEMPERATURE FIELD IN THE LOWER STRATOSPHERE OVER THE NORTHERN HEMISPHERE. 23 Jun 65, 33p, 15refs. JPRS-30748.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31309

Trans. of Nauchno-Issledovatelskii Institut Aeroklimatologii, Leningrad. Trudy (USSR) n28 p3-27 1964.

TT-65-62620 Field 4B, 18H

Krasnopevtsev, Yu. V.
TRANSPORT OF RADIOACTIVE AEROSOLS IN THE TROPOSPHERE FROM THE NORTHERN TO THE SOUTHERN HEMISPHERE. 9 Jul 65, 13p, 10refs. FTD-TT-65-342; AD-617 948.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-617 948.

Unedited rough draft trans. of Meteorologiya i Gidrologiya

(USSR) n4 p3-8 1964.
Another trans. is available from CFSTI HC$1.50 in TT-64-31379, JPRS-24860, 55p.
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05 BEHAVIORAL AND SOCIAL SCIENCES

A. Administration and management

TT-64-51061 Field 5A

BIOGRAPHICAL REPORT ON SOVIET SCIENTISTS.
8 Oct 64, 41p. JPRS-26804.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-64-51061

Trans. of 11 selected articles from 1962-64 issues of various Russian periodicals.
Contents: A. A. Bochvar, A. S. Bondartsev, N. A. Chinakal, S. V. Ilyushin, A. N. Kolmogorov, M. N. Nabiev, G. K. Sovckison, V. K. Shcherbakov, N. S. Syunov, E. M. Stepanov.

TT-64-51689 Field 5A, 9B

Glushkov, V.; Dorodnitsyn, A.; Fedorenko, N.
CERTAIN PROBLEMS OF CYBERNETICS. 19 Nov 64, 10p. JPRS-27440.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51689

Trans. from Izvestiya (USSR) 6 Sep p4 1964.

TT-65-30128 Field 5A

PROMOTING THE USE OF SCIENTIFIC ACHIEVEMENTS IN THE SOVIET ECONOMY. 14 Jan 65, 14p. JPRS-28295.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30128

Trans. of Tsvetnye Metally (USSR) v37 n8 p95-6 1964 and trans. from Pravda, Moscow (USSR) 10 Sep p1; 12 Sep p3 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-30277 Field 5A

ACTIVITIES OF SOME SOVIET SCIENTIFIC RESEARCH INSTITUTES. 4 Feb 65, 18p. JPRS-28632.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30277

Trans. of 4 selected articles from 1964 issues of various Russian periodicals.

TT-65-30393 Field 5A, 6D

REVIEW OF SOME WORKS NOMINATED FOR 1965 LENIN PRIZES. 26 Feb 1965, 13p. JPRS-28910; N65-17492.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30393

Trans. from Izvestiya (USSR) 16 Jan p3; 20 Jan p3; 6 Feb p3 1965.

TT-65-30518 Field 5A

SOVIET SCIENTIFIC RESEARCH AND PUBLICATIONS: IMPORTANT INVESTIGATIONS MADE BY UKRAINIAN SCIENTISTS (AND) PROPOSALS FOR PUBLICATIONS IN PHYSICS AND MATHEMATICS. 16 Mar 65, 7p, 10refs. JPRS-29137.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30518

Trans. of Akademiya Nauk SSSR. Vestnik, v34 n8 p113-5, 1'8-9 Aug 1964.
Another trans. of p.113-5 is available from CFSTI or ETC: HC$3.00, MF$0.75 in TT-65-30377, JPRS-28864, 67p.

TT-65-30656 Field 5A

Kardelj, E.; Todorovic, M.
RESOLUTION ON SCIENTIFIC RESEARCH WORK.
6 Apr 65, 9p. JPRS-29441.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30656

Trans. of Sluzbeni List, Belgrade (Yugoslavia) v21 n5 p97-9 Feb 5 1965.

TT-65-30763 Field 5A, 6E

Bryukov, D.; Pigarevskii, V.; Vartanyan, G.
THE NECESSITY OF PLANNING AND COORDINATING SCIENTIFIC RESEARCH. 19 Apr 65, 8p. JPRS-29650.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30763

Trans. from Meditsinskaya Gazeta (USSR) v28 p1-2 Jan 5 1965.

TT-65-30996 Field 5A

Sorm, F.
DEVELOPMENT OF CZECHOSLOVAK SCIENCE SINCE WORLD WAR II. 17 May 65, 20p. JPRS-30091.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30996

Trans. of Nova Mysl (Czechoslovakia) n4 p434-44 Apr 1965.

TT-65-31024 Field 5A

ACTIVITY OF THE ACADEMY OF SCIENCES OF THE ESTONIAN SSR. 19 May 65, 7p. JPRS-30153.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31024

Trans. of Akademiya Nauk SSSR. Vestnik, v35 n3 p125-7 1965.

TT-65-31299 Field 5A, 12B

Yakovlev, G. S.
THE METHODS, CONTENT, AND STRUCTURE OF SCIENTIFIC KNOWLEDGE IN THE FIELD OF CONTROL.
21 Jun 65, 22p, 24refs. JPRS-30712.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31299

Trans. of Sovetskoe Gosudarstvo i Pravo (USSR) v35 n4 p90-101 Apr 1965.

TT-65-31348 Field 5A, 13H

Karataev, Yu.
NEWS OF USSR SCIENTIFIC-TECHNICAL SOCIETIES: ORGANIZATIONAL-MASS WORK OF THE PRIMARY ORGANIZATION OF THE NTO (AND) NTO INSTRUMENTAL IN ESTABLISHING THE NOVOSIBIRSK UNIVERSITY.
28 Jun 65, 13p. JPRS-30809.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-31348

Trans. of Nauchno-Tekhnicheskie Obshchestva SSSR, v7 n2 p52-5 1965.
Available copy will not permit fully legible reproduction.

TT-65-31441 Field 5A, 5C

Alekseev, N.; Lisitsin, V.
IMPROVING THE PLANNING OF MATERIAL-TECHNICAL SUPPLIES (AND) PROBLEMS OF MANAGING A SOCIALIST ECONOMY. The Soviet Economic System: Structure and Policy no. 201. 3 Jul 65, 31p. JPRS-30942.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31441

Trans. of Planovoe Khozyaistvo (USSR) v42 n4 p39-49, 64-72 Apr 1965.

B. Documentation and information technology

TT-64-51068 Field 5B, 6D

Vorobev, G. G.
PROBLEMS OF CYBERNETICS IN THE FIELD OF ARCHIVES DOCUMENTATION. 9 Oct 64, 9p, 5refs. JPRS-26811.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-64-51068

Trans. of Voprosy Arkhivovedeniya (USSR) v8 n4 p94-8 1963.

TT-65-30606 Field 5B, 5G

Gaukhin, L. A.; Stromilov, N.
DEVELOPMENTS IN ORGANIZATION OF SCIENTIFIC AND TECHNICAL INFORMATION. Foreign Developments in Machine Translation and Information Processing no. 165. 29 Mar 65, 15p. JPRS-29328.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-30606

Trans. of Nauchnye Doklady Vysshei Shkoly. Filosofskie Nauki (USSR) v8 n1 p3-7 1965.

TT-65-30742 Field 5B, 5G

Jimenez, A. N.; Globachev, O. I.
PROBLEMS OF SCIENTIFIC INFORMATION DEVELOPMENT IN THE REPUBLIC OF CUBA. Foreign Developments in Machine Translation and Information Processing no. 166. 14 Apr 65, 17p. JPRS-29601.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-30742

Trans. of Nauchno-Tekhnicheskaya Informatsiya (USSR) n1 p48-53 1965.
Available copy will not permit fully legible reproduction.

TT-65-30964 Field 5B

NEWS OF SOVIET PUBLICATIONS ON THE PHYSICAL SCIENCES. 11 May 65, 31p. JPRS-30016.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-30964

Trans. of Ogneupory (USSR) v29 n10 pI-II Oct 1964.
Elektrichestvo (USSR) n10 p89-96 Oct 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-30984 Field 5B

Kopitsyn, V. I.
PATENT INFORMATION IN THE DESIGN BUREAU.
13 May 65, 19p. JPRS-30063.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-30984

Trans. of Nauchno-Tekhnicheskaya Informatsiya (USSR) n11 p13-9 1964.

TT-65-31102 Field 5B

Bagdasaryan, S. M.
INFORMATION SERVICE IN THE PUBLIC HEALTH SYSTEM OF THE USSR. 27 May 65, 14p. JPRS-30291.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-31102

Trans. of Nauchno-Tekhnicheskaya Informatsiya (USSR) n8 p6-9 1964.

TT-65-31608 Field 5B

Burkov, B.
ACTIVITIES OF THE NOVOSTI PRESS AGENCY. 15 Jul 65, 10p. JPRS-31110.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-31608

Trans. from Za Rubezhom (USSR) n2 p23-4 Jan 8-14 1965.

C. Economics

TT-64-51012 Field 5C

Efimov, E.
THE PRESENT STATUS OF MOSCOW INDUSTRY (AND) NEW PRODUCTION TARGETS OF THE CENTRAL ASIAN ECONOMIC REGION. USSR Industrial Development: Soviet Regional Economy no. 127. 7 Oct 64, 12p. JPRS-26755.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51012

Trans. from Vechernaya Moskva (USSR) 29 Jul p1 1964. Kommunist Tadzhikistana (USSR) 16 Jul p2 1964.

TT-64-51952 Field 5C, 8G

Mikhailov, K.; Vaino, K.
AZERBAIDZHAN PETROLEUM PRODUCTION COMPARED

TO OTHER REGIONS OF THE USSR (AND) BANKING CREDIT CONTRIBUTES TO THE MODERNIZATION OF INDUSTRY IN ESTONIA. USSR Industrial Development: Soviet Regional Economy no. 136. 16 Dec 64, 11p. JPRS-27867.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51952

Trans. from Vyshka (USSR) 29 Sep p3 1964. Pravda, Moscow (USSR) 16 Oct p5 1964.
Available copy will not permit fully legible reproduction.

TT-65-30583 Field 5C

Koledin, I. E.; Strokov, I. A.; Zhebrovskii, B. D.; Vezirov, S. A.
INTRODUCTION OF NEW MANUFACTURING PROCESSES IN ENTERPRISES OF THE MOSCOW CITY SOVNARKHOZ (AND) FUTURE PROJECTS IN AZERBAIDZHAN'S INDUSTRIAL DEVELOPMENT. USSR Industrial Development: Soviet Regional Economy no. 147. 24 Mar 65, 12p. JPRS-29275.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30583

Trans. of Byulleten Tekhniko-Ekonomicheskoi Informatsii (USSR) n12 p53-6 1964 and trans. from Bakinskii Rabochii (USSR) 27 Dec p3 1964.

TT-65-30877 Field 5C

Vasilchev, I.
USSR INDUSTRIAL DEVELOPMENT: SOVIET REGIONAL ECONOMY NO. 155. 3 May 65, 11p. JPRS-29859.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30877

Trans. from Kazakhstanskaya Pravda (USSR) 30 Jan p1; 5 Mar p2 1965. Pravda Ukrainy (USSR) 9 Jan p1 1965.

TT-65-31049 Field 5C

Soich, O.; Tsukov, K.
USSR INDUSTRIAL DEVELOPMENT: SOVIET REGIONAL ECONOMY NO. 160. 21 May 65, 16p. JPRS-30194.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31049

Trans. from Izvestiya (USSR) 14 Apr p3 1965. Pravda, Leningrad (USSR) 14 Jan p1 25 Mar p2 1965.

TT-65-31410 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 232. 1 Jul 65, 57p. JPRS-30911.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-31410

Trans. of selected articles from 1965 issues of various Bulgarian, East German, Polish, and Yugoslavian periodicals.

TT-65-31454 Field 5C

ECONOMIC REPORT ON NORTH KOREA NO. 157. 7 Jul 65, 44p. JPRS-30956.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31454

Trans. of 9 selected articles from Apr-May 65 issues of various North Korean periodicals.

TT-65-31501 Field 5C

Dode, P.; Misja, V.
RESULTS OF 1964 PLAN FULFILLMENT AND TASKS FOR THE 1965 ECONOMIC PLAN (AND) SOCIALIST INDUSTRIALIZATION OF AN OBJECTIVE NECESSITY FOR THE RAPID DEVELOPMENT OF ALBANIA. Press Information Report on Albania no. 137. 9 Jul 65, 51p. JPRS-31003.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31501

Trans. of Ekonomia Popullore (Albania) n1 p3-35 1965.

TT-65-31611 Field 5C

SURVEY OF THE YUGOSLAV ECONOMY AND FOREIGN TRADE BY BRANCHES, FOR 1964. East European Foreign Trade: Translations no. 234. 16 Jul 65, 44p. JPRS-31113.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31611

Trans. of mono. Gedisnji Pregled Privrede za 1964, pt. 2, Belgrade, 1965, p. XXXV-LXI.
Available copy will not permit fully legible reproduction.

D. History, law and political science

TT-65-31401 Field 5D

Barcata, L.
THE AMERICAN INTERVENTION IN THE DOMINICAN REPUBLIC PREVENTS AN ALL-OUT BLOODBATH. 1 Jul 65, 5p. JPRS-30902.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31401

Trans. from die Presse (Austria) n5148 p3 Jun 16 1965.

TT-65-31444 Field 5D, 5C

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 730. 3 Jul 65, 67p. JPRS-30945.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-31444

Trans. of 10 selected articles from 1965 issues of various international Communist periodicals.

TT-65-31445 Field 5D

AFRICA: TRANSLATIONS NO. 220. 6 Jul 65, 27p. JPRS-30946.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31445

Contains translations selected from various foreign-language sources on all countries of Africa except Egypt.

TT-65-31455 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 731. 7 Jul 65, 36p. JPRS-30957.

Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31455

Trans. of 11 selected articles from 1965 issues of various international Communist periodicals.

TT-65-31514 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 733. 12 Jul 65, 52p. JPRS-31016.
Order from CFSTI or ETC: HC$3.00, MF$0.50 as TT-65-31514

Trans. of 10 selected articles from 1965 issues of various international Communist periodicals.
Available copy will not permit fully legible reproduction.

TT-65-31515 Field 5D, 5C

CUBA: TRANSLATIONS NO. 280. 12 Jul 65, 55p. JPRS-31017.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-31515

Trans. of selected articles and new briefs from 1964-65 issues of various Cuban periodicals.
Available copy will not permit fully legible reproduction.

TT-65-31621 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 736. 16 Jul 65, 66p. JPRS-31123.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-31621

Trans. of 6 selected articles from Apr and Jun 65 issues of various international Communist periodicals.

TT-65-31624 Field 5D, 5K

POLITICAL AND SOCIOLOGICAL INFORMATION ON NORTH KOREA: TRANSLATIONS NO. 98. 16 Jul 65, 40p. JPRS-31326.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31624

Trans. of 7 selected articles from May-Jun 65 issues of various North Korean newspapers.

TT-65-31627 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 737. 16 Jul 65, 126p. JPRS-31129.
Order from CFSTI or ETC: HC$4.00, MF$1.00 as TT-65-31627

Trans. of 7 selected articles from May-Jun 65 issues of various international Communist periodicals.

TT-65-31628 Field 5D

THE VITAL FORCE OF SOVIET PATROIOTISM (AND) COMMUNISTS OF THE SCIENTIFIC INSTITUTE. Pravda Editorials: Translations no. 470. 16 Jul 65, 12p. JPRS-31130.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31628

Trans. from Pravda, Moscow (USSR) 13 Jul p1; 14 Jul p1 1965.

E. Human factors engineering

TT-65-12111 Field 5E

Browaeys, R.; Koster, W.
STUDY OF THE ARRANGEMENT OF THE HEIGHT OF THE WORK SURFACE OF THE SPINNING MACHINE. 29p, 13refs.
Order from SLA: $2.60 as TT-65-12111

Trans. of Centre d'Etudes et Recherches Psychotechniques. Bulletin (France) v10 n2 p117-29 1961.

G. Linguistics

TT-64-41898 Field 5G

Shaumyan, S. K.; Soboleva, P. A.
APPLICATIONAL GENERATIVE MODEL AND TRANSFORMATIONAL CALCULUS IN THE RUSSIAN LANGUAGE. Foreign Developments in Machine Translation and Information Processing No. 162. 30 Sep 64, 112p. JPRS-26640.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-64-41898

Trans. of mono. Applikativnaya Porozhdayushchaya Model i Ischislenie Transformatsii v Russkom Yazyke, Moscow, 1963 p3-125.

TT-65-31108 Field 5G, 5B

Abrakham, S.
PROSPECTS OF MACHINE TRANSLATION IN PRINCIPLE. Foreign Developments in Machine Translation and Information Processing no. 170. 28 May 65, 10p. JPRS-30300.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31108

Trans. of Voprosy Yazykoznaniya (USSR) v14 n2 p92-6 Mar/Apr 1965.

TT-65-31112 Field 5G, 5B, 12B

Ruzhanskii, V. I.; Granovskaya, R. M.; Ganzen, V. A.; Kuzinets, B. N.
ALGORITHM FOR CHARACTER RECOGNITION; ALGORITHM FOR IMAGE OUTLINE RECOGNITION; ON AN ALGORITHM FOR TEACHING A LINEAR PERCEPTRON. Foreign Developments in Machine Translation and Information Processing No. 171. 31 May 65, 24p, 14refs. JPRS-30323.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31112

Trans. of Vychislitelnaya Tekhnika i Voprosy Programmirovaniya (USSR) v3 p63-83 1964.

TT-65-31442 Field 5G, 5J, 6D

Zeman, J.; Bober, J.
PSYCHICAL RESEARCH AND CYBERNETICS: INFORMATION AND PSYCHIC ACTIVITY (AND) QUANTITY, QUALITY AND CYBERNETIC MECHANISM. 3 Jul 65, 27p. JPRS-30943.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31442

Trans. of Otazky Marxistickej Filozofie (Czechoslovakia) n2 p167-86 1965.

I. Personnel selection, training and evaluation

TT-65-30548 Field 5I

Taranov, V.; Konysheva, T.
SOVIET RESEARCH ON TEACHING MACHINES: DEVELOPMENT OF TEACHING MACHINES (AND) THE OEM-2 TEACHING AND TESTING MACHINE. 19 Mar 65, 13p, (photos omitted). JPRS-29204; N65-19327.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30548

Trans. of Nauchno-Tekhnicheskie Obshchestva SSSR, v6 n8 p18-21 Aug 1964.

TT-65-31427 Field 5I

PROBLEMS OF SCIENTIFIC EDUCATION IN THE USSR: NEW RULES FOR ADMITTANCE TO MEDICAL UNIVERSITIES (AND) IMPROVEMENT NEEDED IN PRACTICAL TRAINING OF ENGINEERS. 2 Jul 65, 11p. JPRS-30928.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31427

Trans. from Meditsinskaya Gazeta (USSR) v28 p1 May 28 1965. Izvestiya (USSR) 27 May p3 1965.

J. Psychology (Individual and group behavior)

TT-65-31233 Field 5J, 6D, 6P, 5G

Kozhevnikova, V. A.; Chistovich, L. A.
SPEECH, ARTICULATION, AND PERCEPTION. 10 Jun 65, 276p, 251refs. JPRS-30543.
Order from CFSTI or ETC: HC$6.00, MF$1.50 as TT-65-31233

Trans. of mono. Rech, Artikulyatsiya, i Vospriyatie, Moscow/Leningrad, 1965 p1-241.
Available copy will not permit fully legible reproduction.

TT-65-62571 Field 5J, 6E

Tsemel, G. I.
INCREASING THE RELIABILITY OF OBJECTIVE PERCEPTION OF VOCAL SOUNDS BY INTRODUCING A REPEATED DEMAND. Presented at the All Union Acoustics Conference (no. 5) 28 Nov 61. 18 May 65, 7p, 1ref. FTD-TT-65-104; AD-617 656.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-617 656

Unedited rough draft trans. of Problemy Peredachi Informatsii (USSR) n15 p77-9 1963.
Available copy will not permit fully legible reproduction.

K. Sociology

TT-65-30007 Field 5K, 6E

Smirnov, E. T.
HYGIENIC PROBLEMS IN THE PLANNING OF JOINT PRESCHOOL INSTITUTIONS: INTRODUCTION; BASIC HYGIENIC AND EDUCATIONAL REQUIREMENTS FOR THE PLANNING OF JOINT PRESCHOOL DAY-NURSERY AND KINDERGARTEN INSTITUTIONS; PROBLEMS ENCOUNTERED BY MEDICAL AGENCIES IN APPROVING THE PLANS FOR PRESCHOOL CHILDREN'S INSTITUTIONS AND IN PUTTING THE BUILDINGS INTO OPERATION; TABLE OF CONTENTS. 29 Dec 64, 24p. JPRS-28022.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30007

Trans. of mono. Gigienicheskie Voprosy v Proektirovanii Edinykh Doshkolnykh Uchrezhdenii, Moscow, 1964 p3-18, 158-169.
Available copy will not permit fully legible reproduction.

TT-65-31400 Field 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 300. 1 Jul 65, 89p. JPRS-30901.
Order from CFSTI or ETC: HC$3.00, MF$0.50 as TT-65-31400

Trans. of 12 selected articles from 1965 issues of various Czechoslovakian and Yugoslavian periodicals.

06 BIOLOGICAL AND MEDICAL SCIENCES

TT-65-28106 Field 6-

UDSKRIFT AF ALMINDELIGE BESTEMMELSER VEDROERENDE KOEDKONTROL I UNGARN. 31p. DTC-62.
Order from ETC or DTC: $3.60 as TT-65-28106

Trans. in Danish of Mezogazdasagi Ertesito (Hungary) v13 n6 p114-6, 119, 158-64 1962.

A. Biochemistry

NCH-200 450 Field 6A

Goos, H.
DEVELOPMENT OF A SERVICEABLE PLANT FOR THE CONTINUOUS ENZYMATIC CONVERSION OF STARCH. May 65, 19p. TC-664.
Order from TC: HC$19.00 as TT-664

Trans. of die Starke (West Germany) v16 351-9 1964.

NCH-200 490 Field 6A

Kurimura, T.; Endo, Y.
FORMATION OF FRUCTOSE IN THE ENZYMATIC HYDROLYSIS OF STARCH. May 65, 8p, 4refs. TC-720.
Order from TC: HC$8.50 as TC-720

Trans. of Dempunto Gijutsu Kenkyu Kaiho (Japan) n27 p13-7 1963.

NCH-200 491 Field 6A

Hattori; Yasutsuna; Fujii; Etsuzo.
FORMATION OF FRUCTOSE DURING THE PRODUCTION OF GLUCOSE FROM STARCH. May 65, 10p, 12refs. TC-721.
Order from TC: HC$10.00 as TC-721

Trans. of Dempunto Gijutsu Kenkyu Kaiho (Japan) n27 p26-30 1963.

TT-60-21375 Field 6A

ACTA BIOCHIMICA POLONICA, VOL. 2, NOS. 1-4, P. 1-503, 1955. Tr. by R. Semkow. 1965, 490p. SFCSI-HEW-NLM (TT-60-21375). Order from CFSTI: HC$5.00 as TT-60-21375

English ed. of Acta Biochimica Polonica v2 n1-4 p1-448 1955.
For table of contents, see the 'Translated Tables of Contents' section of this issue.

TT-64-51921 Field 6A

Spirin, A. S.; Belitsina, N. V.; Aitkhozhin, M. A.
MESSENGER RNA IN EARLY EMBRYOGENESIS. 11 Dec 64, 31p, 14refs. JPRS-27804. Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-64-51921

Trans. of Zhurnal Obshchei Biologii (USSR) v25 n5 p321-37 Sep/Oct 1964.
Available copy will not permit fully legible reproduction.

TT-65-27632 Field 6A

Shigeto, M.
MANUFACTURING PROCESS FOR L-LYSINE BY FERMENTATION. 26 Feb 65, 6p. INT-26943/63 Japan. Order from INT: $16.50 as INT-26943/63 Japan

Trans. of Patent (Japan) pub. 38-26 943. Patent filed 10 Aug 61, pub. 28 Dec 63. Another trans. is available in English from SA: $15.00 as SA Code P-414, 8p.

TT-65-28561 Field 6A

Galstyan, A. Sh.
DETERMINATION OF DEHYDROGENASE ACTIVITY IN SOIL (K Metodike Opredeleniya Aktivnosti Degidraz v Pochve). 5p. CSIR-tr-439. Order from CSIR: as CSIR-tr-439

Trans. of Akademiya Nauk Armyanskoi SSR, Erevan. Doklady, v35 n4 p181-3 1962.

TT-65-30428 Field 6A, 6O, 6F, 7A

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 154. 3 Mar 65, 57p, 141refs. JPRS-28971. Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-30428

Trans. of Hua Hsueh Shih Chieh (Chinese People's Republic) v19 n10 p435-48, 472-4, 486-7 1964.
For table of contents, see the 'Translated Tables of Contents' section of this issue.
Available copy will not permit fully legible reproduction.

TT-65-31369 Field 6A

Zarubina, N. A.
ANABOLIC STEROIDS (A SURVEY OF THE LITERATURE). 29 Jun 65, 19p, 142refs. JPRS-30848. Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31369

Problemy Endokrinologii i Gormonoterapii (USSR) v11 n2 p106-14 Mar/Apr 1965.

TT-65-50309/2 Field 6A

ACTA BIOCHIMICA POLONICA, VOL. 12, NO. 2, P. 103-194, R11-R21, 1965. 1965, 112p. SFCSI-HEW-NLM (TT-65-50309/2). Order from CFSTI: HC$4.00 as TT-65-50309/2

English ed. of Acta Biochimica Polonica v12 n2 1965.
For table of contents, see the 'Translated Tables of Contents' section of this issue.

B. Bioengineering

TT-64-51580 Field 6B, 6P

Venslauskas, M. I.; Grinyavichus, K. A.; Gutman, A. M.
STATISTICAL ELECTROENCEPHALOGRAPH MODEL. 12 Nov 64, 15p. JPRS-27324. Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51580

Trans. of Zhurnal Vysshei Nervnoi Deyatelnosti (USSR) v14 n4 p726-31 Jul/Aug 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-31510 Field 6B, 6P

Shetalov, I. N.; Zeveke, A. V.
PHOTO-ELECTRIC DEVICES: AUTOMATIC DEVICE FOR STATISTICAL PROCESSING OF ELECTROPHYSIOLOGICAL REACTIONS AND SIMULTANEOUS PHOTOGRAPHIC RECORDING OF SEVERAL INDICES. 9 Jul 65, 13p, 1ref. JPRS-31012. Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31510

Trans. of Fiziologicheskii Zhurnal SSSR v50 n4 p514-19 Apr 1964.
Available copy will not permit fully legible reproduction.

C. Biology

TT-64-51573 Field 6C

Emanuilov, I.
TWENTY YEARS OF BULGARIAN BIOLOGY. 10 Nov 64, 9p. JPRS-27317. Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51573

Trans. of Priroda (Bulgaria) v13 n4 p12-6 Jul/Aug 1964.

TT-65-27869 Field 6C

Avramenko, I. D.
PROGNOSE VAN HET VERSCHIJNEN VAN DE DENNENBLADWESP (Prognoz Poyavleniya Obyknovennogo Sosnovogo Pililshchika). Tr. by J. West. 2p. MTWL-1317. Order from ETC: $1.10 as TT-65-17869

Trans. in Dutch of Lesnoe Khozyaistvo (USSR) v16 n2 p58-9 1963.

TT-65-27870 Field 6C

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E. Clinical medicine

NCH-200 417 Field 6E

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Order from TC: HC$6.50 as TC-592

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51375

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51548

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51613

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SOME RESULTS OF EXPERIMENTAL ANALYSIS OF THE INFECTION PROCESS: FOREWORD; INTRODUCTION; BIOLOGICAL MODELS OF INFECTION PROCESSES; RESEARCH IN THE FIELD OF EXPERIMENTAL THERAPY; CONCLUSION. 30 Nov 64, 39p. JPRS-27599.
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TT-64-51935 Field 6E, 6P

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ELECTROPHYSIOLOGICAL INVESTIGATIONS OF THE NATURE OF STANDING IN MAN. 15 Dec 64, 28p, 20refs. JPRS-27841.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-64-51935

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Mechanisms of Compensating Adaptations, Moscow, 1964 p50-61.
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Order from ETC or TIB: $2.60 as TT-65-28454

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TT-65-30394 Field 6E

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30394

Trans. from Izvestiya (USSR) 22 Jan p3 1965. Meditsinskaya Gazeta (USSR) v27 p2 Dec 22 1964.

TT-65-30597 Field 6E, 6O, 6M

Trukhmanov, B. G.
PROPHYLAXIS OF INFECTIOUS DISEASES IN THE USSR. 26 Mar 65, 65p. JPRS-29310.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-30597

Trans. of mono. Assotsiirovannye Vaktsiny, Moscow, 1964 p7-63, 260-5, 274-5.
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TT-65-30683 Field 6E, 6O

Saakov, B. A.
MECHANISMS OF GENERAL COMPLICATIONS ENSUING FROM THERMAL INJURIES: SELECTED PART. 8 Apr 65, 23p. JPRS-29494; N65-20833.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30683

Trans. of mono. Mekhanizmy Obshchikh Oslozhnenii Termicheskikh Travm, Kiev, 1963 p259-76.

TT-65-30698 Field 6E

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REGIONAL PATHOLOGY OF ALGERIA. 9 Apr 65, 9p. JPRS-29518.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30698

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TT-65-30727 Field 6E, 6M

Grasis, V.
NEWS OF SOVIET MEDICINE AND PUBLIC HEALTH: IN THE MINISTRY OF HEALTH BELORUSSIAN SSR (AND) ON THE WORK OF THE PARASITOLOGICAL SECTION OF THE MOSCOW DEPARTMENT OF THE ALL-RUSSIAN AFFILIATE OF ALL-UNION SOCIETY OF MICROBIOLOGISTS, EPIDEMIOLOGISTS AND INFECTIOUS DISEASES SPECIALISTS IMENI I. I. MECHNIKOV FOR 1962. 13 Apr 65, 9p. JPRS-29570.
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ARTIFICIAL BLOOD CIRCULATION: SELECTED PARTS. 16 Apr 65, 17p. JPRS-29628.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30754

Trans. of mono. Iskusstvennoe Krovoobrashchenie, Moscow, 1964 p3-12, 282-3.

TT-65-30808 Field 6E

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SCIENTIFIC STUDIES ON INFECTIOUS PATHOLOGY IN THE MONGOLIAN PEOPLE'S REPUBLIC. 23 Apr 65, 7p. JPRS-29734.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30808

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v42 n1 p82-5 Jan 1965.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-30810 Field 6E, 9B

Frantsuz, A. G.; Tonkonogii, I. M.; Levin, I. Ya.
ELECTRONIC COMPUTERS IN THE DIAGNOSIS OF APHASIA. 23 Apr 65, 14p, 5refs. JPRS-29736.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30810

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TT-65-31127 Field 6E, 6O

Raevskii, I. G.; Davydova, G. A.
SIDE-EFFECTS ON THE CENTRAL NERVOUS SYSTEM OF CHLORBUTIN. 31 May 65, 6p, 3refs. JPRS-30344.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31127

Trans. of Klinicheskaya Meditsina (USSR) v43 n4 p124-6 Apr 1965.

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PROBLEMS OF PROPHYLAXIS IN TEACHING THEORETICAL SUBJECTS IN MEDICAL INSTIUTES. 21 Jun 65, 9p. JPRS-30717.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31304

Trans. of Zdravookhranenie Rossiiskoi Federatsii (USSR) v9 n4 p31-5 Apr 1965.

TT-65-31383 Field 6E, 6O, 11I

Petrovskii, B. V.
CHEMISTRY AND SURGERY. 30 Jun 65, 16p. JPRS-30864.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31383

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Document contains halftone illustrations which are difficult to read in reprints.

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RADIO ELECTRONICS IN THE SERVICE OF HEALTH. 30 Jun 65, 5p. JPRS-30891.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31390

Trans. of Radio, Moscow (USSR) n3 p10-1 Mar 1965.

TT-65-31396 Field 6E

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MODERN RUMANIA MEDICINE. 1 Jul 65, 8p. JPRS-30897.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31396

Trans. of Stiinta si Tehnica (Rumania) v17 n5 p6-7 May 1965.

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31411

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TT-65-31430 Field 6E, 6C

Lysenko, A. Ya.
THE MALIARIOLOGICAL ZONES OF NORTH VIETNAM. 3 Jul 65, 11p, 6refs. JPRS-30931.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31430
Trans. of Meditsinskaya Parazitologiya i Parazitarnye Bolezni (USSR) v34 n2 p189-94 Mar/Apr 1965.

TT-65-31502 Field 6E, 6M, 6O, 6R

EAST EUROPEAN SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCE NO. 17. 9 Jul 65, 67p. JPRS-31004.
Order from CFSTI or ETC: HC$2.00, MF$0.75 as TT-65-31502
Contains abstracts of articles from East European scientific and technical journals.

TT-65-31504 Field 6E

Zakrzhevskii, E. B.; Dyskin, A. A.
THE COMPRESSION SYNDROME (LITERATURE SURVEY). 9 Jul 65, 11p. JPRS-31006.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31504
Trans. of Sovetskaya Meditsina (USSR) v28 n8 p88-92 Aug 1964.
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TT-65-31506 Field 6E

Bei, P. I.
THE USE OF DIADYNAMIC CURRENTS FOR THE TREATMENT OF CARDIOVASCULAR NEUROSIS ASSOCIATED WITH THE PAIN SYNDROME. 9 Jul 65, 5p. JPRS-31008.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31506
Trans. of Terapevticheskii Arkhiv (USSR) v37 n4 p66-7 Apr 1965.

TT-65-31583 Field 6E

Pavlenko, S. M.
TECHNICISM IN MEDICINE -- A CONSEQUENCE OF

ERRONEOUS METHODOLOGY. 14 Jul 65, 7p. JPRS-31085.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of Patologicheskaya Fiziologiya i Eksperimentalnaya Terapiya (USSR) v9 n2 p84-6 Mar/Apr 1965.

TT-65-62518 Field 6E, 6C, 6P, 5J, 6O, 6A

CONGRESS OF THE ALL-UNION PAVLOV PHYSIOLOGICAL SOCIETY (NO. 10) AT EREVAN, 1964. VOL. II, NO. 2. SUBJECTS OF SCIENTIFIC PAPERS. 5 May 65, 704p.
FTD-TT-65-48; AD-617 070.
Order from CFSTI or ETC: HC$10.00, MF$3.00
as AD-617 070

Unedited rough draft trans. of mono. Sezd Vsesoyuznogo Fiziologicheskogo Obshchestva (No. 10) Erevan, 1964. Tezisy Nauchnykh Soobshchenii, v2 n2 p1-440 1964.
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TT-65-62618 Field 6E

Ilina, L. I.; Yartseva, A. M.
EEG CHANGES IN LIVER DISEASES. 1965, 10p, 16refs.
FASEB-S-396-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of Sovetskyaa Meditsina (USSR) v27 n1 p66-71 1964.

F. Environmental biology

NCH-200 353 Field 6F, 2D

Nagasawa, M.; Takida, K.; Yamamoto, F.
FUNGICIDAL COMPOUND FOR AGRICULTURE AND HORTICULTURE. Apr 65, 13p. SA-Code-P-413.
Order from SA: $16.00 as SA-Code-P-413

Trans. in manuscript of Patent (Japan) pub. 38-5848. Patent appl. 699/1961, 12 Jan 61, pub. 13 May 63, cl. 30-F-371-2 (30-F-91) by Ihara Agricultural Medicines Co., Ltd.

H. Food

NCH-200 495 Field 6H

Sorensen, H. W.
PROCESS AND APPARATUS FOR THE COMPRESSING OF MEAT PIECES PACKED IN TINS OR OTHER CONTAINERS. May 65, 8p. TC-730.
Order from TC: HC$8.50 as TC-730

Trans. of Patent (Germany) 1 072 918.
Patent pub. 30 Jun 60.

TT-65-27893 Field 6H

Brovkin, S. I.
INVESTIGATION OF BAKING PROPERTIES OF MAIZE FLOUR (Issledovanie Khlebopekarnykh Svoistvo Kukuruznoi Muki). 11p. CSIR-tr-432.
Order from CSIR: as CSIR-tr-432

Trans. of Khlebopekarnaya Konditerskaya Promyshlennost' (USSR) v5 n11 p5-9 1961.

J. Industrial (occupational) medicine

TT-65-31300 Field 6J, 6L

Ivakina, V. I.; Azlin, V. V.
ACTIVITIES OF THE COLLEGIUM, MINISTRY OF HEALTH RSFSR. 21 Jun 65, 14p. JPRS-30713.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-31300

Trans. of Zdravookhranenie Rossiiskoi Federatsii (USSR) v9 n4 p42-6 Apr 1965.

TT-65-62558 Field 6J, 6E

Shugailo, V. T.; Zuenko, P. G.
ORNITHOSIS OUTBREAK AT A FOWL PLANT IN KREMENETS (Vspyshka Ornitosa na Ptitsekombinate v Krementse). Tr. by C. T. Ostertag. 5p. ABL-Trans-1067; AD-617 375.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-617 375

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v40 n8 p141-2 1963.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.
Another trans. is available from CFSTI, SLA, or ETC $1.10 as TT-64-13691, 3p.

L. Medical and hospital equipment

TT-65-31224 Field 6L, 7A

Zharikova, M.; Murakhovskii, P.; Talisman, L.; Koshelev, N.
PROBLEMS OF SOVIET RESEARCH INSTITUTES.
9 Jun 65, 13p. JPRS-30526.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-31224

Trans. from Meditsinskaya Gazeta (USSR) v27 29 Sep p2; 20 Nov p2 1964. Izvestiya (USSR) 9 Dec p3 1964.

TT-65-31507 Field 6L

Smirnov, I. P.
THE PRINCIPAL TASKS IN IMPROVING THE PRODUCTS OF THE MEDICAL INDUSTRY. 9 Jul 65, 12p. JPRS-31009.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-31507

Trans. of Meditsinskaya Promyshlennost SSSR, v18 n7 p3-9 Jul 1964.

M. Microbiology

TT-64-51614 Field 6M, 6A

Zhumatov, Kh. Zh.; Isaeva, E. S.
INFECTIOUS RIBONUCLEIC ACIDS OF HUMAN AND ANIMAL VIRUSES. 13 Nov 64, 15p, 60refs. JPRS-27358.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-64-51614

Trans. of Akademiya Nauk Kazakhskoi SSR, Alma-Ata. Vestnik, v20 n6(231) p39-45 1964.
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TT-64-51720 Field 6M

JOURNAL OF MICROBIOLOGY, VOL. 26, NO. 4, 1964: SELECTED ARTICLES. 23 Nov 64, 31p, 42refs. JPRS-27471.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-64-51720

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TT-65-31121 Field 6M

Adomonite, G. M.; Boiko, L. D.; Sverchkov, A. N.
STUDIES IN PARATYPHOID B BACTERIOPHAGES AND ARTIFICIAL AEROIONIZATION: ANTIGENIC PROPERTIES OF TYPE-SPECIFIC PARATYPHOID B BACTERIOPHAGES (AND) THE USE OF ARTIFICIAL AEROIONIZATION TO CLEAR THE AIR OF MICROFLORA. 31 May 65, 7p. JPRS-30338.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31121

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v41 n11 p138-9, 142-3 Nov 1964.
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TT-65-31126 Field 6M

Lapin, B. A.; Dzhikidze, E. K.; Yakovleva, L. A. Chumakova, M. Ya.; Adzhigitov, F. I.
INFECTION OF MONKEYS WITH SV40 VIRUS IN THE JUNGLES OF NORTH VIETNAM. 31 May 65, 6p, 7refs. JPRS-30343.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31126

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TT-65-62551 Field 6M

Domaradskii, I. V.; Yaromyuk, G. A.; Vasyukhina, L. V.; Korotaeva, A. V.
COAGULATION OF BLOOD PLASMA BY PLAGUE AND PSEUDOTUBERCULOSIS BACILLI. Aug 64, 7p, 7refs. ABL-Trans-1152; AD-617 388.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-617 388

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TT-65-62552 Field 6M

Leontev, A. I.
A METHOD OF ACCELERATED DIAGNOSIS OF THE TULAREMIA CAUSATIVE AGENT IN RODENT CORPSES: ANNOTATION (Uskorennyi Metod Diagnostiki Vozbuditelya Tularemii v Trupakh Gryzunov: Annotatsiya). Tr. by C. T. Ostertag Jr. 4p. ABL-Trans-1054; AD-617 389.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-617 389

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.
Another trans. is available from CFSTI, SLA or ETC $1.10 as TT-64-15663, 2p.

TT-65-62554 Field 6M, 6E

Kolker, I. I.
USE OF THE FLUORESCENT ANTIBODY METHOD IN STUDYING ANTIGEN-ANTIBODY REACTION IN TISSUES: STUDY OF LOCALIZATION OF ANTIRENAL AND ANTIHEPATIC ANTIBODIES IN HOMO- AND HETEROLOGOUS TISSUES. Aug 64, 12p, (figs omitted) 11refs. ABL-Trans-1148; AD-617 391.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-617 391

Trans. of Eksperimentalnaya Khirurgiya i Anesteziologiya (USSR) v8 n2 p57-64 1963.
Another trans. is available from CFSTI or ETC HC$1.00, MF$0.50 as AD-615 873, FTD-TT-65-464, 14p.

TT-65-62556 Field 6M

Suchkov, Yu. G.
SEROLOGICAL INVESTIGATIONS ON THE PLAGUE. REPT. 14. TESTING OF CERTAIN SEROLOGICAL REACTIONS IN EPIZOOTOLOGIC EXAMINATION IN NATURAL PLAGUE FOCI (Serologicheskii Issledovaniya pri Chune. Soobshchenie 14. Isputanie Nekotorykh Serologicheskikh Reaktsii pri Epizootologicheskii Obsledovanii v Prirodnykh Ochagakh Chumy). Aug 64, 11p, 13refs. ABL-Trans-1153; AD-617 393.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-617 393

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Another trans. is available from CFSTI, SLA, or ETC $1.10 as TT-64-15421, 7p.

TT-65-62557 Field 6M, 6O

Polshkova, V. N.
TRANSFORMATION OF STAPHYLOCOCCUS UNDER THE INFLUENCE OF KILLED CULTURES OF SALMONELLA TYPHIMURIUM AND LISTERIA MONOCYTOGENES, RESISTANT TO 75,000 UNITS/ML OF STREPTOMYCIN. Tr. by C. T. Ostertag. 11p, 13refs. ABL-Trans-1066; AD-617 374.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-617 374

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TT-65-62559 Field 6M, 6E

Zobnina, K. S.
EXCRETION OF DYSENTERY BACTERIOPHAGE BY MOUSE KIDNEYS IN EXPERIMENTAL DYSENTERY INFECTION. Aug 64, 10p, 16refs. ABL-Trans-1156; AD-617 376.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-617 376

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i Meditsiny (USSR) v56 n9 p84-8 1963.
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TT-65-62561 Field 6M

Volosivets, A. I.
A STUDY OF PLAGUE BACTERIOPHAGES AND BACTERIAL MUTANTS RESISTANT THERETO. I. BIOLOGICAL PROPERTIES OF PLAGUE BACTERIOPHAGES. Aug 64, 9p, 14refs. ABL-Trans-1155; AD-617 387.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-617 387

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-62629 Field 6M, 6E

Yankovskii, A. K.; Povalichina, T. P.; Vlasov, A. S.; Kozhushko, M. I.; Sadovskaya, E. V.
NATURAL FOCI OF HEMORRHAGIC FEVER WITH RENAL SYNDROME IN MOSCOW OBLAST (Nekotorye Svedeniya o Prirodnykh Ochagakh Gemorragicheskoi Likhoradki s Pochechnym Sindromom v Moskovskoi Oblasti). 1965, 10p, (foreign text included) 5refs. FASEB-S-261-4.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-65-62629

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

O. Pharmacology

TT-64-51533 Field 6O

Alekseeva, I. A.; Naumova, T. S.
PECULIARITIES OF THE EFFECT OF NIVALINE ON HIGHER NERVOUS ACTIVITY OF DOGS. 9 Nov 64, 24p, 10refs. JPRS-27277.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51533

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TT-64-51926 Field 6O, 11I

Khokhlov, A. S.; Ushakov, S. N.
STUDIES IN CHEMOTHERAPY: CHEMICAL STRUCTURE AND BIOLOGICAL PROPERTIES OF ANTIBIOTICS (AND) POLYMER TREND IN CHEMOTHERAPY. 11 Dec 64, 22p. JPRS-27810.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51926

Trans. of Akademiya Nauk SSSR. Vestnik, v34 n8 p39-52 Aug 1964.
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TT-65-11782 Field 6O

DIALYLSULPHOXIDE COMPOUNDS. 26p.
Order from SLA: $2.60 as TT-65-11782

Trans. of Patent (Belgium) 644 615.
Patented by Crown Zellerbach Corp., pub. 30 June 64 (Priority: U. S., Nos. 329,238 and 329,208, 9 Dec 63; Nos. 329,205, 329,271 and 329,209, 10 Feb 64).

TT-65-30297 Field 6O

Bezzubov, A.
PROCESSING INSTRUCTIONS IN PRODUCTION OF ANTIPOLIOMYELITIS LOZENGE-VACCINE. 9 Feb 65, 6p. JPRS-28678.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30297

Trans. of mono. Tekhnologicheskaya Instruktsiya po Proizvodstvu Drazhe-Vaktsiny Protiv Poliomielita, n.p. n.d. p1-5.
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TT-65-30605 Field 6O

Kisin, I. E.
THE PRESCRIPTIONS OF NATURE. 29 Mar 65, 28p. JPRS-29326.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30605

Trans. of mono. Po Retseptam Prirody, Moscow, 1965 p1-32.

TT-65-31356 Field 6O

Burnazyan, A. I.
NEW DEVELOPMENTS IN SOVIET PHARMACOLOGY. 28 Jun 65, 12p. JPRS-30819.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31356

Trans. of Aptechnoe Delo (USSR) v14 n2 p3-8 Mar/Apr 1965.
Another trans. is available from CFSTI or ETC: HC$1.00 MF$0.50 as TT-65-31219 JPRS-30521 11p.

TT-65-31357 Field 6O

Muravev, I. A.; Aliev, R. K.; Klyuev, M. A.
NATIONAL CONGRESS OF PHARMACISTS OF YUGOSLAVIA (NO. 4) OPATIYA, OCT 64. 28 Jun 1965, 13p. JPRS-30820.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31357

Trans. of Aptechnoe Delo (USSR) v14 n2 p83-7 Mar/Apr 1965.

TT-65-31439 Field 6O, 6T

Lebedeva, M. N.
CHANGE IN TOLERANCE TO ANTHELMINTICS WHEN USED IN COMBINATION (AN EXPERIMENTAL STUDY). 3 Jul 65, 15p, 13refs. JPRS-30940.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31439

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TT-65-31459 Field 6O, 6L, 6B

Savachenko, R. I.
THE USE OF A LABORATORY INTERFEROMETER TO

DETERMINE THE VAPOR CONCENTRATION OF NARCOTIC SUBSTANCES. 7 Jul 65, 13p. JPRS-30961.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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P. Physiology

TT-64-51563 Field 6P, 6F

Berdyshev, G. D.
THE PROBLEM OF LONGEVITY IN SIBERIA AND THE SOVIET FAR EAST. 10 Nov 64, 82p, 168refs. JPRS-27307.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-64-51563

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Available copy will not permit fully legible reproduction.

TT-64-51901 Field 6P, 6T

SOVIET ENVIRONMENTAL PHYSIOLOGY AND TOXICOLOGY. A survey of the Published Literature, 1958-64. 10 Dec 64, 110p, 250refs. JPRS-27767.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-64-51901

TT-64-51945 Field 6P, 5J, 9E

Verkhalo, Yu. N.
ELECTRONIC DEVICES FOR PHYSIOLOGICAL INVESTIGATIONS. 15 Dec 64, 46p, 16refs. JPRS-27853.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-64-51945

Trans. of mono. Elektronnye Pribory dlya Fiziologicheskikh Issledovanii, Moscow/Leningrad, 1964 p3-40 pub. as Massovaya Radio Biblioteka (USSR) v536 p3-40 1964.

TT-65-30175 Field 6P, 6A

Pokrovskii, A. A. ed.
METHODS OF STUDYING THE NUTRITION AND HEALTH OF THE POPULATION. 22 Jan 65, 27p. JPRS-28400.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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Handbook for the Study of the Nutrition and Health of the Population, Moscow, 1964 p3-15, 72-8, 278-80.

TT-65-30693 Field 6P

Zhirmunskaya, E. A.; Livanov, M. N.; Mayorchik, V. E.; Novikova, L. A.; Rusinov, V. S.
A GLOSSARY OF TERMS USED IN HUMAN ELECTROENCEPHALOGRAPHY. 9 Apr 65, 8p. JPRS-29511.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30693

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-31458 Field 6P, 5I

Sutulov, L. S.
ON MEASURES FOR THE FURTHER IMPROVEMENT OF TEACHING CYTOLOGY IN MEDICAL INSTITUTES. 7 Jul 65, 11p. JPRS-30960.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-65-31626 Field 6P

Kolchynska, A. Z.; Tymchenko, V. B.
WORK OF THE CONGRESS OF THE UKRAINIAN PHYSIOLOGICAL SOCIETY (NO. 7). 16 Jul 65, 13p. JPRS-31128.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of Fiziologichnyi Zhurnal (USSR) v10 n5 p689-94 Sep/Oct 1964.

R. Radiobiology

TT-64-51545 Field 6R

Zurabashvili, A. D.; Naneishvili, B. R.
PROBLEMS IN THE MECHANICS OF RADIATION INJURY: CONCLUSION. 9 Nov 64, 9p. JPRS-27289; N64-33975.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51545

Trans. of mono. Voprosy Patoarkhitektoniki Luchevogo Porazheniya, Tiflis, 1962 p58-66.
Problems in the Pathoarchitectonics of Radiation Injury, Tiflis, 1962, p58-66.

TT-64-51549 Field 6R

Beisebaev, A. A.
ACUTE BLOODLETTING DURING RADIATION SICKNESS. 9 Nov 64, 10p. JPRS-27293.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-64-51669 Field 6R, 15C, 13L

Volkov, I. D.; Ulanovskii, B. Ya.; Usov, N. A.; Tsivilev, M. P.
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Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-64-51669

Trans. of mono. Inzhenerno-Spasatelnye Raboty v Ochage Yadernogo Porazheniya, Moscow, 1964 p39-124, 149-50.

TT-65-30589 Field 6R

Manina, A. A.
RADIATION INJURIES AND RESTORATIVE PROCESSES IN THE CENTRAL NERVOUS SYSTEM: CONCLUSION AND

TABLE OF CONTENTS. 25 Mar 65, 9p. JPRS-29288; N65-19665.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30589

Trans. of mono. Luchevye Porasheniya i Vosstanovitelnye Protsessy v Tsentralnoi Nervnoi Sisteme, Leningrad, 1964 p204-9, 226-7.

TT-65-31469 Field 6R, 18F

DECREE ON ORGANIZATION AND CONTROL OF RADIATION PROTECTION IN BULGARIA (APPROVED BY THE CHIEF STATE SANITARY INSPECTOR ON 27 APR 65). 8 Jul 65, 7p. JPRS-30971.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31469

Trans. from Durzhaven Vestnik (Bulgaria). n46 p1-2 Jun 11 1965.

TT-65-31505 Field 6R, 6A

Shnol, S. E.; Grishina, V. I.
MULTIPERIODIC CHANGES IN CONCENTRATION OF VARIOUS BLOOD COMPONENTS. 9 Jul 65, 12p. JPRS-31007.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31505

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S. Stress physiology

TT-64-51542 Field 6S

Lebedinskii, Z.; Levinskii, S.; Nefedov, Yu.; Kuznetsov, A.; Agadzhanyan, N.
SIMULATED SPACE FLIGHT EXPERIMENTS: MAN IN A SPACE VEHICLE (AND) IN AN ARTIFICIAL ATMOSPHERE. 9 Nov 64, 12p. JPRS-27286.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51542

Trans. from Meditsinskaya Gazeta (USSR) v27 n75(2342) p3 Sep 18; n80(2347) p- Oct 6 1964.

TT-65-30122 Field 6S

Yakubchik, B. I.
SOME INDIVIDUAL DIFFERENCES IN THE ACTIVITY OF A SPORTSMAN-ACROBAT AND THEIR CONSIDERATION IN TEACHING AND TRAINING EXERCISES. 13 Jan 65, 19p, 29refs. JPRS-28276; N65-14710.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30122

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TT-65-30900 Field 6S

Lebedinskii, A. V.; Nefedov, Yu. G.
SPACE MEDICINE RESEARCH DURING THE FLIGHT OF THE 'VOSKHOD'. 4 May 65, 8p. JPRS-29911.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30900

Trans. of Zdorove (USSR) v11 n1 p7-8 Jan 1965.

TT-65-31322 Field 6S, 22A

Emelyanov, M. D.
SOME LESSONS LEARNED FROM FLIGHT OF THE 'VOSKHOD-2'. 23 Jun 65, 9p. JPRS-30761.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31322

Trans. of Zdorove (USSR) v11 n5 p5-6 May 1965.

TT-65-31354 Field 6S

Gzhelskii, V.; Peredelskii, V.
PREPARATION FOR HUMAN SPACE FLIGHT. 28 Jun 65, 14p. JPRS-30817.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31354

Trans. of Sovetskii Voin (USSR) v47 n6 p10-2, 37-40 Mar 1965.
Document contains halftone illustrations which are difficult to read in reprints.

TT-65-31364 Field 6S, 6O, 6E

Pestov, I. D.
THE INFLUENCE OF INTEROCEPTIVE AFFERENTATION UPON EXCITATION OF THE VOMITING CENTER DURING MOTION SICKNESS. 29 Jun 65, 10p, 9refs. JPRS-30843.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31364

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Biologicheskaya, v29 n5 p690-4 Sep/Oct 1964.

TT-65-31370 Field 6S

Eremin, A. V.; Kosyan, I. I.; Kolosov, I. A.; Kopanav, V. I.; Lebedev, V. I.
MAN'S CAPACITY TO WORK IN A STATE OF WEIGHTLESSNESS. 29 Jun 65, 12p, 13refs. JPRS-30849.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31370

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Biologicheskaya, v30 n3 p329-34 May/Jun 1965.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-31426 Field 6S

Nesterenko, V. S.
EFFECT OF CORIOLIS ACCELERATION ON THE HUMAN ORGANISM. 2 Jul 65, 19p, 37refs. JPRS-30927.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31426

Trans. of Uspekhi Sovremennoi Biologii (USSR) v59 n2 p246-56 Mar/Apr 1965.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-62161 Field 6S, 22A

Boreva, L. I.; Savodskaya, E. M. comps.
AEROSPACE MEDICINE AND BIOASTRONAUTICS PUBLISHED IN THE USSR (1962-64): BIBLIOGRAPHIC INDEX TO LITERATURE. Publication from International Astronautical Congress (no. 15) Warsaw, 7-12 Sep 64.

May 65, 69p. NASA-TT-F-270; N65-22968.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as N65-22968

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T. Toxicology

NCH-200 492 Field 6T

Valyi-Nagy, T.
THE RELATIONSHIP BETWEEN CHLORITE-AND CHLORATE POISONING. May 65, 6p, 12refs. TC-722.
Order from TC: HC$6.50 as TC-722

Trans. of Naunyn-Schmiedeberg's Archiv fuer Experimentelle Pathologie und Pharmakologie (West Germany) v205 p382-6 1947.

TT-65-31105 Field 6T

Pukhov, V. A.
EFFECT OF ADRENOCORTICAL INSUFFICIENCY AND HYPERFUNCTION ON THE SENSITIVITY OF RATS AND MICE TO CARBON MONOXIDE POISONING. 27 May 65, 6p, 8refs. JPRS-30295.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31105

Trans. of Farmakologiya i Toksikologiya (USSR) v27 n3 p343-5 May/Jun 1964.

TT-65-31475 Field 6T

Knunyants, I.; Kostyanovskii, R.
SECRETS OF POISONS. 8 Jul 65, 16p. JPRS-30977.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31475

Trans. of Nauka i Zhizn (USSR) v32 n5 p25-31 1965.

07 CHEMISTRY

A. Chemical engineering

NCH-200 354 Field 7A, 6M

Shigeto, M.
A METHOD FOR THE PRODUCTION OF L-LYSINE BY MEANS OF FERMENTATION. Apr 65, 8p. SA-Code-P-414.
Order from SA: $15.00 as SA-Code-P-414

Trans. in manuscript of Patent (Japan) pub. 38-26 943. Patent appl. 28373/1961, 10 Aug 61, pub. 28 Dec 63, cl. 36-F-8 (16-B-65) by Kyowa Hakko Kogyo Co., Ltd.

NCH-200 480 Field 7A

Carra, S.; Beltrame, P.
KINETICS OF THE OXIDATION OF XYLENES IN A FLUIDIZED BED REACTOR. NOTE 1. OXIDATION OF ORTHO-XYLENE. May 65, 19p, 8refs. TC-704.
Order from TC: HC$19.00 as TC-704

Trans. of la Chimica e l'Industria (Italy) v46 n10 p1152-7 1964.

NCH-200 483 Field 7A

Okawara, R.; Sakiyama, M.
DIMETHYL CHLOROSILANE AND SOME OF ITS DERIVATIVES FROM THE LOW BOILING PRODUCT OF THE SILICON-METHYL CHLORIDE REACTION. May 65, 2p, 7refs. TC-709.
Order from TC: HC$2.75 as TC-709

Trans. of Kogyo Kagaku Zasshi (Japan) v58 p805-6 1955.

NCH-200 485 Field 7A

Bianchi, G.; Traini, C.
H2-Cl2 FUEL CELL - STUDY OF THE POSSIBILITY OF APPLICATION FOR THE RECOVERY OF ENERGY IN A SODA-CHLORINE PLANT. May 65, 26p, 9refs. TC-711.
Order from TC: HC$26.00 as TC-711

Trans. of la Chimica e l'Industria (Italy) v46 n4 p363-70 Apr 1964.

NCH-200 487 Field 7A

Grote, W.
APPARATUS FOR CARRYING OUT A QUANTITATIVE ANALYSIS. May 65, 4p. TC-714.
Order from TC: HC$4.75 as TC-714

Trans. of Patent (Germany) 971 098.
Patent pub. 11 Dec 58 by Jenaer Glaswerk Schott and Gen., Mainz.

NCH-200 488 Field 7A

Gerhold, M.; Kirberg, D.
APPARATUS FOR THE INVESTIGATION OF THE BEHAVIOR OF GASEOUS OR LIQUID HYDROCARBONS IN THERMAL OR THERMAL/CATALYTIC CRACKING OR/AND REACTION. May 65, 7p. TC-715.
Order from TC: HC$7.50 as TC-715

Trans. of Patent (Germany) 1 059 688.
Patent filed 18 Apr 57.

NCH-200 770 Field 7A

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OPTIMUM FORM OF INDUSTRIAL VACUUM PUMP EJECTORS. 6 Jul 65, 11p, 10refs. FTD-TT-65-681; AD-617 660.
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Hahn, H.
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INFORMATION ON THE PREPARATION OF LITHIUM ALKYLS AND THEIR REACTION WITH ORGANIC HALOGEN COMPOUNDS. II. PREPARATION OF DEFINITE HYDROCARBONS VIA ORGANOLITHIUM COMPOUNDS. THE POLYADDITION OF ETHYLENE TO ETHYLLITHIUM. 18p, (figs omitted) 8refs.
Order from SLA: $1.60 as TT-65-11839

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For table of contents, see the 'Translated Tables of Contents' section of this issue.

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THE STRUCTURE OF THE POLYETHYLENE CONSIDERED AS A MIXTURE OF N-PARAFFINS. 15p, 21refs.
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Available on loan from SLA: as TT-65-11983

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SIMULTANEOUS DETERMINATION OF CARBON, HYDROGEN, AND HALOGENS OR SULFUR BY THE FLASH COMBUSTION METHOD. 7p, 7refs.
Order from SLA: $1.10 as TT-65-12041
Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Khimicheskaya n1 p19-22 1962.
For table of contents, see the 'Translated Tables of Contents' section of this issue.
Another trans. is available from ATS $7.00 as ATS-62P60R, 5p.

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QUANTITATIVE ORGANIC ANALYSIS. V. AUTOMATIC ELECTRICAL APPARATUS FOR DETERMINING CARBON AND HYDROGEN IN ORGANIC COMPOUNDS. 8p, 23refs.
Order from SLA: $1.10 as TT-65-12043
Trans. of Chemicke Listy (Czechoslovakia) v49 n12 p1891-4 1955.

TT-65-12053 Field 7C

Bock, W.; Tischbein, W.
PROCESS FOR THE PREPARATION OF SOLUBLE NITROGENOUS CONDENSATION PRODUCTS WHICH CAN BE CONVERTED TO INSOLUBLE, HARD PRODUCTS BY AUTOCONDENSATION. 5p.
Order from SLA: $1.10 as TT-65-12053
Trans. of Patent (Germany) 731 030.
Patented by I. G. Farbenindustrie AG, granted 2 Feb 43.

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Ulrich, H.; Harz, W.
PROCESS FOR THE PREPARATION OF ETHYLENIMINE POLYMERIZATION PRODUCTS. 5p.
Order from SLA: $1.10 as TT-65-12054
Trans. of Patent (Germany) 665 791.
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TT-65-12059 Field 7C

Hawkins, G. F.; McCurry, H. F.
METHOD FOR PREPARING ALPHA-CYANOACRYLIC ESTERS AND THE PRODUCTS OBTAINED. 25p.
Order from SLA: $2.60 as TT-65-12059
Trans. of Patent (Belgium) 611 273.
Patented by Eastman Kodak Co., USA, filed 7 Dec 61 (Priority: No. 74,748, 9 Dec 60).

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Cichowski, Z.
THE DECOMPOSITION OF XANTHATES IN THE PRESENCE OF ZINC IONS. 1 p, 16refs.
Order from SLA: $1.60 as TT-65-12063
Trans. of Akademie der Wissenschaften, Berlin, Klasse fuer Chemie, Geologie und Biologie. Abhandlungen (East Germany) n1, p187-92 1963.

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Order from SLA: $1.10 as TT-65-12075

Trans. of Annali di Chimica (Italy) v53 n7 p894-900 1963.

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Klages, A.
ABOUT SYNTHETIC BITTER SUBSTANCES OF THE SACCHARINE-ARYL SULFONYLIMIDE GROUP. 10p, 4refs.
Order from SLA: $1.10 as TT-65-12100

Trans. of Angewandte Chemie (West Germany) v39 p671-3 1926.

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Herzog, W.
OBSERVATIONS IN THE FIELD OF SACCHARINE. 4p, 6refs.
Order from SLA: $1.10 as TT-65-12102

Trans. of Angewandte Chemie (West Germany) v39 p728-9 1926.

TT-65-27858 Field 7C, 7D

Mihalka, S.
CONTRIBUTION A LA SUPPRESSION DE L'INFLUENCE DE LA COMPOSITION GLOVALE DES MINERAIS SUR L'INTENSITE DES RAIES SPECTRALES. Org. 84-X-548; CNRS-G/X-1728.
Order from CNRS: as G/X-1728

Trans. in French of Revista de Chimie (Rumania) v13 n1 p46-8 1962.

TT-65-28563 Field 7C, 7D

Piryutko, M. M.; Shmidt, Yu. A.
THE METHODS FOR COLORIMETRIC DETERMINATION OF SILICIC ACID, AND THE STATE IN WHICH IT IS PRESENT IN THE SOLUTION (Sostoyanie Kremnevoi Kisloty v Rastvore i Metody Ee Kolorimetricheskogo Opredeleniya). 16p. CSIR-tr-444.
Order from CSIR: as CSIR-tr-444

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Khimicheskaya, v4 p607-14 1953.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-62630 Field 7C

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ORGANOSILICON DERIVIATIVES OF DICYCLOPENTADIENYL IRON. 7 Jul 65, 19p, 21refs. FTD-TT-64-1345; AD-618 007.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-618 007

Edited trans. of Hua Hsueh T'ung Pao (Chinese People's Republic) n5 p293-301 1963.
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D. Physical chemistry

NCH-200 451 Field 7D

Vlasov, V. G.; Tkachenko, E. V.
REDUCTION OF BETA-URANIUM DIOXIDE BY SOLID

CARBON. May 65, 8p. TC-665.
Order from TC: HC$8.50 as TC-665

Trans. of Zhurnal Prikladnoi Khimii (USSR) v37 n5 p946-51 1964.

NCH-200 457 Field 7D

Kaiser, R.
DIRECT AND AUTOMATIC COUPLING OF THIN LAYER CHROMATOGRAPHY WITH GAS CHROMATOGRAPHY. May 65, 17p. TC-671.
Order from TC: HC$17.00 as TC-671

Trans. of Zeitschrift fuer Analytische Chemie (West Germany) v205 p284-98 1964.

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MOLECULAR WEIGHT CHARACTERISTICS OF CELLULOSE TRIACETATE PREPARED BY ACETYLATION OF WOOD CELLULOSE AS DETERMINED BY A COMBINATION OF OSMOMETRY AND VISCOMETRY. 1965, 6p. ATS-09S83R.
Order from ATS: $7.25 as ATS-09S83R

Trans. of Zhurnal Prikladnoi Khimii (USSR) v37 n10 p2263-8 1964.
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NCH-200 780 Field 7D

Petlyuk, F. B.; Platonov, V. M.; Slavinskii, D. M.
THERMODYNAMICALLY OPTIMAL METHOD FOR SEPARATING MULTICOMPONENT MIXTURES. 1965, 12p. ATS-36S83R.
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TT-65-11834 Field 7D

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INVESTIGATION OF THE PROCESS OF THERMAL DISSOCIATION OF MOLYBDENUM HEXACARBONYL. I. DEPENDENCE OF THE VELOCITY OF THE HETEROGENEOUS PROCESS ON THE TEMPERATURE AND ENERGY OF ACTIVATION. 7p, (figs omitted) 2refs.
Order from SLA: $1.10 as TT-65-11834

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) v25 n6 p735-8 1959.
Another trans. is available from LC or SLA mi$1.80, ph$1.80 as AEC-tr-4286, 6p.

TT-65-11885 Field 7D

FUEL CELL. 15p.
Order from SLA: $1.60 as TT-65-11885

Trans. of Patent (France) 1 334 263.
Patented by Compagnie Francaise Thomson-Houston, filed 25 Sep 62, granted 24 June 63 (Priority: U.S., 25 Sep 61).

TT-65-11886 Field 7D

Cohn, J. G. E.; Hauel, A. P.; Keith, C. D.
FUEL CELL. 39p.
Order from SLA: $3.60 as TT-65-11886

Trans. of Patent (France) 1 325 888.
Patent Internat'l cl H 01 m, by Engelhard Industries, Inc., filed 12 Apr 62, granted 25 Mar 63 (Priority: U.S. No. 103,687, 13 Apr 61).

TT-65-11888 Field 7D

Gerischer, H.
PROCESS FOR THE OPERATION OF FUEL CELLS, AND FUEL CELL SUITABLE THEREFOR. 13p.
Order from SLA: $1.60 as TT-65-11888

Trans. of Patent (Germany) 1 162 433.
Patented by Varta A. -G., filed 11 Aug 61, pub. 1964.

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Order from SLA: $1.10 as TT-65-11923

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PRODUCTION OF TITANIC ACID GEL AND EXAMINATION OF ITS ADSORPTION PROPERTIES. 10p, 6refs.
Order from SLA: $1.10 as TT-65-11927

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Another trans. is available from TC $10.50 as TC-374, 10p.

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Prokopchik, A. Yu.; Yanitskii, I. V.; Shalkauskas, M. I.
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Order from SLA: $2.60 as TT-65-11928

Trans. of Akademiya Nauk Litovskoi SSR. Vilna. Trudy. Seriya B, n3(38) p61-71 1964.

TT-65-11929 Field 7D

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Order from SLA: $2.60 as TT-65-11929

Trans. of Akademiya Nauk Litovskoi SSR, Vilna. Trudy. Seriya B, n3(38) p49-60 1964.

TT-65-11941 Field 7D

Matsuda, H.; Ayabe, Y.
POLAROGRAPHIC STUDIES OF THE KINETICS OF THE DISCHARGE OF COMPLEX METAL IONS, ESPECIALLY OF HYDROXO- AND AMMINE-COMPLEXES OF ZINC. 24p, 21refs.
Order from SLA: $2.60 as TT-65-11941

Trans. of Zeitschrift fuer Elektrochemie (West Germany) v63 n9-10 p1164-71 1959.

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Order from SLA: $1.10 as TT-65-11964

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For table of contents, see the 'Translated Tables of Contents' section of this issue.

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Mikhailov, I. A.; Loktionova, E. L.
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Order from SLA: $1.10 as TT-65-11965

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TT-65-11971 Field 7D

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PROCEDURE FOR REACTIVATING PRECIOUS METAL CATALYSTS. 16p, (figs omitted).
Order from SLA: $1.60 as TT-65-12077

Trans. of Chemische Technik (East Germany) v14 n9 p541-5 1962.

TT-65-12178 Field 7D

Caprara, G.; Giordano, N.; Montorsi, G.
PROCESS FOR THE CATALYTIC CONVERSION OF HYDROGEN CHLORIDE TO CHLORINE, PARTICULARLY FOR THE OXIDATIVE CHLORINATION OF HYDROCARBONS (Procede de Conversion Catalytique de l'Acide Chlorhydrique a Chlore, Particulierement pour la Chloruration Oxydative d'Hydrocarbures). 15p, (foreign text included).
Order from SLA: $1.60 as TT-65-12178

Trans. of Patent (Belgium) 620 364.
Patented by Sicedison S.p.A., Milan, Italy, filed 18 July 62 (Priority: Italy, 18 July 61).

TT-65-12179 Field 7D

WORKING METHOD FOR THE OBTAINMENT OF A STABILIZED STATE OF UNDER - OR OVERSATURATION IN SYSTEMS WHICH CONTAIN SODIUM-AND/OR POTASSIUM CHLORIDE (Werkwijze voor het Verkrijgen van een Gestabiliseerdo Toestand van Onder- of Oververzadiging in Systemen die Natrium- en/of Kaliumchloride Bevatten). 30p, (foreign text included).
Order from SLA: $2.60 as TT-65-12179

Trans. of Patent (Belgium) 634 890.
Patented by N. V. Koninklijke Nederlandsche Zoutindustrie, Hengelo, Netherlands, filed 12 July 63 (Priority: Netherlands, No. 281,184, 19 July 62).

TT-65-27850 Field 7D

Tagawa, H.; Nakajima, H.
REACTIVITE AU GAZ CARBONIQUE DU CARBONE GRAPHITISE PAR TRAITEMENT THERMIQUE.
Org. 84-X.557; CNRS-G/X-1704.
Order from CNRS: as G/X-1704

Trans. in French of Kogyo Kagaku Zasshi (Japan) v65 n12 p1926-30 1962.

TT-65-28383 Field 7D

Szymanski, A.; Minc, S.
DIE ANWENDUNG ELEKTRISCHER ENTLADUNGEN ZUR ANREGUNG CHEMISCHER PROZESSE. II. UBER DEN MECHANISMUS DER OXIDATION VON Fe-IONEN MIT OH-RADIKALEN. 7p.
Order from ETC or TIB: $1.10 as TT-65-28383

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Order from ETC or TIB: $1.10 as TT-65-28384

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KOLORIMETRISCHE BESTIMMUNG DES SiC2-GEHALTES IN SYNTHETISCHEN UND BETRIEBSLAUGEN. 11p.
Order from ETC or TIB: $1.60 as TT-65-28416

Trans. in German of Femipari Kutato Intezet Kozlemenyei (Hungary) n5 p317-26 1961.

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Order from ETC or TIB: $1.60 as TT-65-28423

Trans. in German of Inzhenerno-Fizicheskii Zhurnal (USSR) v6 n2 p60-8 1963.
Other translations are available in English from CFSTI, SLA or ETC $1.60 as TT-63-24230, FTD-TT-63-722, 14p. and from CFSTI, SLA or ETC $1.60 as AEC-tr-5800, 11p.
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TT-65-62644 Field 7D, 20K

Krotova, N. A.; Morozova, L. P.; Polyakov, A. M.; Sokolina, G. A.; Stefanovich, N. N.
INVESTIGATION OF VARIOUS TYPES OF ADHESION BONDS. 6 Jul 65, 18p, 10refs. FTD-TT-65-327; AD-618 060.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-618 060

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

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TT-65-28104 Field 8-

Abdulzade, A. M.; Kuliev, S. M.; Mdivani, A. G.
THE INFLUENCE OF A STEPPED HOLE BOTTOM ON THE TORQUE IN DRILLING WITH DRAG BITS. 8p, 7refs. MTWL-1326; BPM-Trans.1711.
Order from ETC: $1.10 as TT-65-28104

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Neft i Gaz (USSR) v7 n3 p31-6 1964.
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TT-65-28466 Field 8-

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VERSUCH EINER NUTZBARMACHUNG VON SOLONEZBODEN DER WALDSTEPPENZONE WEST-SIBIRIENS. 11p.
Order from ETC or TIB: $1.60 as TT-65-28466

Trans. in German of Tomsk Univ. Trudy (USSR) v140 p120-7 1957.

A. Biological oceanography

TT-65-30786 Field 8A, 1C

Zuev, G. V.
THE CEPHALOPOD BODY AS AN AIRFOIL. 21 Apr 65, 8p, 4refs. JPRS-29686.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30786

Trans. of Nauchnye Doklady Vysshei Shkoly. Biologicheskie Nauki (USSR) n1 p22-5 1965.
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B. Cartography

TT-64-51688 Field 8B, 8H

Goldenberg, L. A.; Kleiner, Yu. M.
CHANGES IN CASPIAN AND ARAL SEAS SHORES DESCRIBED. 19 Nov 64, 9p. JPRS-27439.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51688

Trans. of Priroda (USSR) v52 n11 p97-9 Nov 1963.

C. Dynamic oceanography

NCH-200 771 Field 8C

Mizutani, Y.; Yamamoto, K.; Matsuoka, S.
STUDIES ON REACTIONS OF POLYPROPYLENE. PT. 3. SCISSION OF MAIN CHAINS BY OXIDATION. 1965, 8p. ATS-33S83J.
Order from ATS: $11.85 as ATS-33S83J

Trans. of Kobunshi Kagaku (Japan) v22 n238 p97-102 1965.

E. Geodesy

TT-64-41871 Field 8E

EAST EUROPEAN SCIENTIFIC ABSTRACTS: ELECTRONICS AND ENGINEERING NO. 37. 28 Sep 64, 11p. JPRS-26613.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-41871

Trans. of Acta Technica (Hungary) v47 n1/2 p3-27, 29-61, 63-77, 79-85, 87-95, 97-129, 131-227, 229-39, 241-56, 263 1964.

TT-65-28532 Field 8E

Bychkovskii, K. P.
UBER DEN ZUSTAND DES STATISCHEN FELDES DER ATMOSPHARE IN FLUGZEUGNAHE UND UBER SEINEN EINFLUSS AUF DIE GENAUIGKEIT DER BAROMETRISCHEN MESSUNGEN. 13p.
Order from ETC or TIB: $1.60 as TT-65-28532

Trans. in German of Tsentralnyi Nauchno-Issledovatelskii Institut Geodezii, Aerosemki i Kartografii. Trudy (USSR) v146 p153-63 1962.

TT-65-31489 Field 8E, 22D, 3A

Voskresenskii, L. L.; Plotnikov, V. S.; Sobolev, F. E.
SOME PROBLEMS IN TIMING PHOTOGRAPHY IN DETERMINING THE COORDINATES OF AN ARTIFICIAL EARTH SATELLITE BY THE METHOD OF REFERENCE STARS. 9 Jul 65, 15p, 2refs. JPRS-30991.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31489

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Geodeziya i Aerofotosemka (USSR) n1 p81-90 Jan 1965.
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TT-65-62590 Field 8E

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SYNCHRONOUS OBSERVATIONS OF MAN-MADE EARTH SATELLITE ECHO-1 FOR GEODETIC PURPOSES. 30 Jun 65, 10p. FTD-TT-65-313; AD-617 676.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-617 676

Unedited rough draft trans. of Akademiya Nauk SSSR. Vestnik, v34 n7 p74-7 1964.
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F. Geography

TT-65-30661 Field 8F

Dementev, G.; Manuylov, P.; Smirnov, N.
L. P. SABANEEV: ENCYCLOPEDIST OF WILDLIFE MANAGEMENT AND HIS CALENDAR (AND) TABLE OF CONTENTS. 6 Apr 65, 12p. JPRS-29455.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30661

Trans. of mono. Kalendar Prirody, Moscow, 1964 p5-8, 381-3.
Available copy will not permit fully legible reproduction. Title: Nature's Calendar, Moscow, 1964, p5-8, 381-3.

TT-65-31482 Field 8F

Cucu, V.
GEOGRAPHIC ACTIVITIES OF THE NATURAL AND GEOGRAPHIC SCIENCES ASSOCIATION OF THE RUMANIAN PEOPLE'S REPUBLIC. 8 Jul 65, 9p. JPRS-30984.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31482

Trans. of Natura: Seria Geografia-Geologie v17 n3 p10-4 May/Jun 1965.

G. Geology and mineralogy

NCH-200 767 Field 8G

Gazyan, G. S.
STATE OF DEVELOPMENT OF NEW TYPES OF FORMATION TESTERS FOR DEEP EXPLORATORY WELLS. 1962, 5p. ATS-86S82R.
Order from ATS: $9.25 as ATS-86S82R

Trans. of Razvedka i Okhrana Nedr (USSR) v28 n9 p41-45 1962.

NCH-200 778 Field 8G

Starik, I. E.; Aleksandruk, V. M.
SPECTROSCOPIC METHOD OF DETERMINING THE Rb-Sr ABSOLUTE AGE OF ROCKS AND MINERALS. 1965, 5p. ATS-17S83R.
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Trans. of Akademiys Nauk SSSR, Doklady, v159 n5 p1055-8 1964.

NCH-200 779 Field 8G

Zakharchenko, V. F.
THE THEORY OF THE EDGE EFFECTS OF NEUTRON GEOPHYSICS. 1965, 8p. ATS-23S83R.
Order from ATS: $12.65 as ATS-23S83R

Trans. of Akademiya Nauk SSSR, Izvestiya, Seriya Geofizicheskaya, n12 p1811-8 1964.
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NCH-200 782 Field 8G

Yamshchikov, V. S.
THE EFFECT OF INTENSITY ON THE ABSORPTION OF ULTRASOUND IN ROCKS. 1965, 4p. ATS-22S83R.
Order from ATS: $6.65 as ATS-22S83R

Trans. of Akademiya Nauk SSSR, Izvestiya, Seriya Geofizicheskaya, n11 p1697-9 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

NCH-200 783 Field 8G

Varentsov, M. I.; Ditmar, V. I.; Li, A. B.; Shmakova, E. I.
AGE OF SALT IN PIERCEMOUNT DOMES OF THE CHU-SARYSU TROUGH. 1965, 3p. ATS-18S83R.
Order from ATS: $5.25 as ATS-18S83R

Trans. of Akademiya Nauk SSSR, Doklady, v159 n2 p327-9 1964.

NCH-200 784 Field 8G

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EVALUATION OF THE DISTRIBUTION OF FRACTURES IN OIL AND GAS RESERVOIRS BY SUBSURFACE PHOTOGRAPHY. 1965, 7p. ATS-16S83R.
Order from ATS: $9.95 as ATS-16S83R

Trans. of Geologiya Nefti i Gaza (USSR) v8 n11 p26-30 1964.
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FLOW OF GAS IN A FRACTURED RESERVOIR. 1965, 5p. ATS-12S83R.
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Trans. of Gazovaya Promyshlennost (USSR) v9 n12 p7-9 1964.

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TECTONICS OF SOUTHWESTERN SYRIA AND ADJACENT REGIONS OF THE NEIGHBORING COUNTRIES. 1965, 13p. ATS-11S83R.
Order from ATS: $17.75 as ATS-11S83R

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TT-64-51902 Field 8G

Stepanov, V. P.
ON DETERMINING THE DENSITY OF ROCK LOCATED CLOSE TO THE DAY SURFACE BY MEANS OF DETAILED GRAVIMETRIC PROSPECTING. 10 Dec 64, 9p, 4refs. JPRS-27769.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51902

Trans. of Razvedka i Okhrana Nedr (USSR) v30 n10 p39-42 Oct 1964.

TT-65-11942 Field 8G

Radzhabov, F. Sh.; Mirkhodzhaev, I. M.
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Order from SLA: $1.10 as TT-65-11942

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LA MECANIQUE DES ROCHES ET L'ETUDE DES D.I. Org. 54-779.64; CNRS-G/X-1682+.
Order from CNRS: as G/X-1682+

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L'EFFICACITE DES METHODES PREVENTIVES ET L'ETAT DE TENSION DES COUCHES DE CHARBON ET LEURS EPONTES. Org. 54-779b.64; CNRS-G/X-1683+.
Order from CNRS: as G/X-1683+

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DEBIT GAZEUX EN FONCTION DE LA PRESSION DE TERRAINS. Org. 54-719-64 F.311-44504; CNRS-G/X-1741+.
Order from CNRS: as G/X-1741+

Trans. in French of unidentified Czech oslovanian mono. Apr 1964 n5 42p.

TT-65-27861 Field 8G

Vavro, M.
LE PROCESSUS DES DEFORMATIONS ET SON INFLUENCE SUR LE DEGAGEMENT GAZEUX. Org. 54-757-64 F.311-44559; CNRS-G/X-1742+.
Order from CNRS: as G/X-1742+

Trans. in French of Vysoka Skola Banska. Sbornik Vedeckych Praci (Czechoslovakia) v9 n7 p1037-60 1963.

TT-65-28105 Field 8G

Abyzbaev, I. I.
THE ESTIMATED INFLUENCE OF THE PROPERTIES OF THE RESERVOIR FLUID AND THE AMOUNT OF CONNATE WATER ON THE RECOVERY FACTOR UNDER CONDITIONS OF DISSOLVED GAS DRIVE IN THE ISHIMBAI FIELDS. 8p, 9refs. MTWL-1327; BPM-Trans-1712.
Order from ETC: $1.10 as TT-65-28105

Trans. of Neftyanoe Khozyaistvo (USSR) v41 n6 p31-5 1963.

TT-65-28137 Field 8G

Krichevskii, R. M.; Karagodin, L. N.; Olikhovichenko, A. E.
QUELQUES PRECISIONS SUR L'IMPORTANCE DE L'ACTION PREVENTIVE D'UNE PREPARATION PREALABLE DES COUCHES, AU TOIT OU AU MUR.
Org. 54-758-64 F.312-44615; CNRS-G/R-4653+.
Order from CNRS: as G/R-4653+

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Panchenko, T. I.
UBER DIE ENTSTEHUNG VON PERLITEN AN HAND DER DATEN GEOLOGISCH-TECHNOLOGISCHER UNTERSUCHUNGEN GLASARTIGER VULKANITE DER LAGERSTATTE NAKICI. 5p.
Order from ETC or TIB: $1.10 as TT-65-28409

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Rzhabekov, Z. F.; Avanesov, V. T.; Bondarev, K. V.
DIE PERIODISCHE VERDRANGUNG VON ERDOL DURCH WASSER. 9p.
Order from ETC or TIB: $1.10 as TT-65-28410

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Durmishyan, A. G.
URSACHEN DUR DIE NICHTUBEREINSTIMMUNG VON GASVORRATEN IN GASKONDENSATLAGERSTATTEN AZERBAJDZANS, DIE NACH DEM VOLUMEN UND NACH FALLENDEM DRUCK BERECHNET WURDEN. 13p.
Order from ETC or TIB: $1.60 as TT-65-28415

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TT-65-28437 Field 8G

Agaev, F. T.
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Order from ETC or TIB: $1.10 as TT-65-28437

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PROZESSEN IN MELIORIERTEN TORF-MOORBODEN DER MOSKAUER GEBIETS-MOORVERSUCHSSTATION. 23p.
Order from ETC or TIB: $2.60 as TT-65-28460

Trans. in German of unidentified Russian mono. 1957 p80-101.

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Teis, R. V.; Khupakin, M. S.
PALAOTEMPERATURBESTIMMUNG NACH DER ISOTOPENZUSAMMENSETZUNG DES SAUERSTOFFS IN KALZIT DER SCHALEN EINIGER VERSTEINERUNGEN DER KRIM. 6p.
Order from ETC or TIB: $1.10 as TT-65-28462

Trans. in German of Geokhimiya (USSR) n4 p271-6 1957. Another trans. in German is available from ETC or TIB $1.10 as TT-62-27334, 6p.

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Raznitsyn, V. A.
STRATIGRAPHIE UND ERDOL-GASFUHRUNG DES UNTERKARBONS IM SUD-TIMAN. 27p.
Order from ETC or TIB: $2.60 as TT-65-28467

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TT-65-28468 Field 8G

Gorshenin, K. P.
ZUR FRAGE DER KLASSIFIZIERUNG DER BODEN. 13p.
Order from ETC or TIB: $1.60 as TT-65-28468

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

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UBER DEN BODENBILDUNGSPROZESS. 17p.
Order from ETC or TIB: $1.60 as TT-65-28470

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TT-65-28474 Field 8G

Nadezhin, B. V.
ZUR FRAGE DER KLASSIFIZIERUNGSPRINZIPIEN ANTHROPOGENER BODEN. 13p.
Order from ETC or TIB: $1.60 as TT-65-28474

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-28476 Field 8G

Voloshanina, P. P.
STRATIGRAPHIE DES MITTLEREN UND OBEREN KARBONS IN SUD TIMAN. 22p.
Order from ETC or TIB: $2.60 as TT-65-28476

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TT-65-28484 Field 8G

Blyumen, L. M.; Voronov, A. G.
EINFLUSS DER MINERALOGISCHEN ZUSAMMENSETZUNG UND DES DISPERSITATGRADES VON SANDEN AUF DIE FESTIGKEIT VON HYDROTHERMAL ERHARTETEN SILIKATERZEUGNISSEN. 11p.
Order from ETC or TIB: $1.60 as TT-65-28484

Trans. in German of Stroitelnye Materialy (USSR) v8 n4 p31-4 1962.

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Yakovlev, S. A.
GRUNDLAGEN DER GEOLOGIE DER QUARTARABLAGERUNGEN DER RUSSISCHEN EBENE. 161p.
Order from ETC or TIB: $12.00 as TT-65-28486

Trans. in German of Vsesoyuznyi Geologicheskii Institut. Trudy (USSR) v17 p39-196 1956.

TT-65-28487 Field 8G

Volobuev, V. E.
VERGLEICHEND-GEOGRAPHISCHE UNTERSUCHUNG DER KLIMAVERHALTNISSE DER BILDUNG VON TSCHERNOSEM. 13p.
Order from ETC or TIB: $1.60 as TT-65-28487

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ZUR FRAGE DER KENNTNIS DER ERDOLERZEUGENDEN GESTEINE. 15p.
Order from ETC or TIB: $1.60 as TT-65-28488

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ZONENGLIEDERUNG DES OBEREN TEILS DER KREIDEABLAGERUNGEN DER KRIM UND DES KAUKASUS NACH CEPHALOPODEN. 11p.
Order from ETC or TIB: $1.60 as TT-65-28490

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Verbitskaya, Z. I.
SPOREN-POLLENKOMPLEXE DER KREIDEABLAGERUNGEN DES SUTSCHANSK-STEINKOHLENBECKENS. 12p.
Order from ETC or TIB: $1.60 as TT-65-28491

Trans. in German of Akademiya Nauk SSSR. Laboratoriya Geologii Uglya. Trudy, v8 p314-22 1958.
Another trans. is available in English from ATS $17.95 as ATS-76M39R, 16p.

TT-65-28519 Field 8G

Shemyakin, E. A.
BESTIMMUNG DER LAGERUNGSELEMENTE DER KONTAKTE ZWEIER MEDIEN NACH DEM WIDERSTAND-SVERFAHREN. 16p, 10refs.
Order from ETC or TIB: $1.60 as TT-65-28519

Trans. in German of Razvedochnaya i Promyslovya Geofizika (USSR) v45 p64-73 1962.

TT-65-31336 Field 8G, 5D

Shu Shih-kuang; Hsu Miao-li; Ma Hsiao-ch'ang; Ch'en T'ao.
EXPERIMENT ON PENETRATION OF RADIO WAVES IN MINE TUNNELS (AND) SUMMING UP EXPERIENCE INVOLVES THEORY. Communist China's Science and Technology: Translations no. 191. 24 Jun 65, 21p, 7refs. JPRS-30787.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31336

Trans. of Ti Ch'iu Wu Li Hsueh Pao, v13 n3 p234-42 Sep 1964 and trans. from Kuang Ming Jih Pao 4 Jun p4 1965.

TT-65-31422 Field 8G

STUDIES IN GEOPHYSICAL PROSPECT: DETERMINATION OF IRON IN KRIVOI ROG ROCKS AND ORES BY THE GAMMA-RAY REFLECTION METHOD (AND) A SIMPLE METHOD FOR TAKING INTO ACCOUNT THE INFLUENCE OF LOCAL RELIEF ON THE RESULTS OF A MAGNETIC SURVEY. 2 Jul 65, 22p, 5refs. JPRS-30923.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31422

Trans. of Razvedka i Okhrana Nedr (USSR) v31 n5 p32-45 May 1965.

TT-65-31461 Field 8G

Jankovic, S.
BEDS OF URANIUM IN YUGOSLAVIA. 7 Jul 65, 24p. JPRS-30963.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31461

Trans. of Tehnika (Yugoslavia) v20 n5 p877-84 May 1965.

I. Mining engineering

TT-64-51641 Field 8I, 8G

Wojnar, J.; Szawdyn, J.
EVALUATION OF CRUDE OIL AND NATURAL GAS PROSPECTING FOR 1964-70 (AND) ACHIEVEMENTS OF MINING INDUSTRIES IN 1961-63. East European Materials Industries: Translations no. 199. 16 Nov 64, 17p. JPRS-27385.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51641

Trans. of Nafta (Poland) v20 n8 p219-22 Aug 1964. Zycie Gospodarcze (Poland) v19 n40 p4 Oct 4 1964. Available copy will not permit fully legible reproduction.

TT-65-11962 Field 8I

Tadema, H. J.
OIL RECOVERY BY THE MEANS OF UNDERGROUND COMBUSTION. 8p.
Order from SLA: $1.10 as TT-65-11962

Trans. of Erdoel und Kohle-Erdgas-Petrochemie (West Germany) v12 n3 p140-4 1959.
Other trans. are available from SLA mi$2.40, ph$3.30 as TT-59-20047, 11p and from ATS $13.75 as ATS-97L33G, 8p.

TT-65-31399 Field 8I

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 241. 1 Jul 65, 38p. JPRS-30900.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31399

Trans. of selected articles from 1964-65 issues of various Polish, Rumanian, and Yugoslavian periodicals.

K. Seismology

TT-65-28489 Field 8K

Zverev, S. M.
BENUTZUNG VON SCHALLREGISTRIERUNGEN ZUR BESTIMMUNG VON ENTFERNUNGEN BEI SEISMISCHEN TIEFENSONDIERUNGEN IM MEERE. 19p.
Order from ETC or TIB: $1.60 as TT-65-28489

Trans. in German of Akademiya Nauk SSSR. Izvestiya. Seriya Geofizicheskaya, n4 p560-9 1959.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

N. Terrestrial magnetism

TT-65-62597 Field 8N, 4A

Skrynnikov, R. G.
CONNECTION OF BRIEF PERIODIC OSCILLATIONS (KPK) OF THE TERRESTRIAL ELECTROMAGNETIC FIELD WITH AURORA POLARIS ILLUMINATION INTENSITY VARIATIONS. 2 Jul 65, 18p, 23refs. FTD-TT-65-112; AD-617 683.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-617 683

Unedited rough draft trans. of mono. Issledovanie Geofizicheskikh Yavlenii Elektromagnitnogo Kompleska v Vysokikh Shirotakh, n. p., 1964 p29-38.

09 ELECTRONICS AND ELECTRICAL ENGINEERING

A. Components

TT-65-28564 Field 9A

Gusevskii, Yu. I.
UN SCHEMA DE REGULATION AUTOMATIQUE DE PUISSANCE PAR AMPLIFICATEUR MAGNETIQUE A SEMI-CONDUCTEURS (Skhema Avtomaticheskogo Regulirovaniya Moshchnosti s Magnitno-Poluprovodnikovym Usilitelem). FS-BDC-28-65.
Order from FS: as FS-BDC-28-65

Trans. in French of Elektricheskaya i Teplovoznaya Tyaga (USSR) v8 n10 p7-8 1964.

TT-65-62640 Field 9A

Nechaev, G. K.
SEMICONDUCTOR THERMISTORS IN AUTOMATION.
20 Apr 65, 262p, 14refs. FTD-MT-64-210; AD-618 048.
Order from CFSTI or ETC: HC$5.00, MF$1.50 as AD-618 048

Edited machine trans. of mono. Poluprovodnikovye Termosoprotivleniya v Avtomatike, Kiev, 1962 p1-254.
Available copy will not permit fully legible reproduction.

B. Computers

TT-64-51922 Field 9B, 12B

Blokh, A. Sh.; Neverov, G. S.
A METHOD FOR THE SYNTHESIS OF GRAPH-DIAGRAMS OF ALGORITHMS. 11 Dec 64, 7p, 2refs. JPRS-27805.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51922

Trans. of Akademiya Navuk BSSR, Minsk. Doklady, v8 n9 p568-71 Sep 1964.
Available copy will not permit fully legible reproduction.

TT-64-51942 Field 9B

Sarapyan, E. P.; Bagrdzhyan, O. G.; Kagan, B. M.; Dolkart, V. M.; Novik, G. Kh.
ELECTRONIC CONTROL COMPUTERS: AUTOMATION OF PRODUCTION CONTROL BY MEANS OF ELECTRONIC COMPUTER ENGINEERING (AND) THE 'VNIIEM-1' UNIVERSAL CONTROL COMPUTER. 15 Dec 64, 34p. JPRS-27848.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-64-51962

Trans. of Elektrotekhnika (USSR) v35 n7 p1-10 Jul 1964.

TT-65-11901 Field 9B

CIRCUITRY FOR AUTOMATIC RECOGNITION OF THE PRINTED DIGIT. 26p.
Order from SLA: $2.60 as TT-65-11901

Trans. of Patent (Austria) 223 668.
Patented by Siemens and Halske, n.d.

TT-65-28878 Field 9B

Novitskii, P. V.; Persin, S. M.
METHODS OF INCREASING THE ACCURACY OF MEASURING SYSTEMS BY THE AUTOMATIC CORRECTION OF SYSTEMATIC AND RANDOM ERRORS. Tr. by L. Mote; (Proceedings of the International Measurements Conference). 13p, 4refs. MTWL-1333; TRC-Trans-1098.
Order from ETC: $1.60 as TT-65-28878

Trans. of mono. Acta Imeko, Budapest 1964 p61-8.

TT-65-30973 Field 9B, 8H, 4B

Dubina, R. B.; Nikolaev, Yu. V.
AUTOMATIC INPUT AND OCEANOGRAPHIC DATA PROCESSING BY THE 'URAL-2' COMPUTER. 12 May 65, 7p, 5refs. JPRS-30033.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30973

Trans. of Akademiya Nauk SSSR. Institut Okeanologii. Trudy, v75 p69-72 1964.

TT-65-30974 Field 9B, 8C, 12B

Vanin, V. P.; Galerkin, L. I.; Chervychnik, Yu. K.
THE SPECIALIZED ELECTRONIC COMPUTER 'OCEAN.' 12 May 65, 46p. JPRS-30034.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30974

Trans. of Akademiya Nauk SSSR. Institut Okeanologii. Trudy, v75 p99-131 1964.

TT-65-31359 Field 9B, 12B

EAST EUROPEAN SCIENTIFIC ABSTRACTS: CYBERNETICS, COMPUTERS, AND AUTOMATION TECHNOLOGY NO. 8. 29 Jun 65, 39p. JPRS-30833.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31359

Contains abstracts of articles from East European scientific and technical journals.

C. Electronic and electrical engineering

NCH-200 775 Field 9C

Suzuki, Y.
FUSION CHARACTERISTICS OF METALLIC CONDUCTORS WITH IMPULSE CURRENTS. 1965, 16p. ATS-47S83J.
Order from ATS: $26.25 as ATS-47S83J

Trans. of Denki Gakkai Zasshi (Japan) v81 n874 p1100-8 1961.

TT-65-11889 Field 9C

Grueneberg, G.; Jung M.; Friese, K. H.; Justi, E.; Winsel, A.
CARBON ELECTRODE FOR USE AS OXYGEN ELECTRODE AND PROCESS FOR ITS MANUFACTURE. 15p, 3refs.
Order from SLA: $1.60 as TT-65-11889

Trans. of Patent (France) 1 261 704.
Patented by Ruhrchemie A. G., and Steinkohlen-Elektrizitaet A. G., filed 4 July 60, granted 10 Apr 61 (Priority: Germany, 15 July 59).

TT-65-12014 Field 9C

Vegner, O. G.
IMPROVEMENT OF THE STABILITY OF THE AC WELDING ARC. 8p, (figs omitted).
Order from SLA: $1.10 as TT-65-12014

Trans. of Elektrichestvo (USSR) n5 p67-70 1958.

TT-65-27855 Field 9C

Baranski, R.; Walczuk, E.
POUVOIR DE FERMETURE D'INTERRUPTEURS D'ENERGIE ELECTRIQUE LIMITE PAR LE SOUDAGE DES CONTACTS. Org.22-25.786; CNRS-G/X-1723.
Order from CNRS: as G/X-1723

Trans. in French of Przeglad Elektrotechniczny (Poland) v40 n1 p8-17 1964.

TT-65-28382 Field 9C

Leshukov, N. D.
UBERGANGSVORGANGE IN GLEICHSTROM-UBERTRAGUNGEN MIT FREILEITUNGEN. 30p.
Order from ETC or TIB: $2.60 as TT-65-28382

Trans. in German of Nauchno-Issledovatelskii Institut Postoyannogo Toka. Izvestiya (USSR) v5 p80-100 1960.
Title: Transient Processes in Overhead d.c. Power Transmission Lines.

TT-65-28397 Field 9C

Postnikov, I. M.
PARASITARE MOMENTE UND VERLUSTE DURCH HOHERE HARMONISCHE DER ANKERBRUCKWIRKUNG BEI ASYNCHRONMOTOREN MIT KURZSCHLUSSLAUFER. 33p.
Order from ETC or TIB: $3.60 as TT-65-28397

Trans. in German of Elektrichestvo (USSR) n7 p39-49 1963.

TT-65-28399 Field 9C

Grois, E. S.; Kadomskii, D. E.
INNERE UBERSPANNUNGEN IN EINBRUCKENSTROMRICHTER-UNTERSTATIONEN VON GLEICHSTROM-UBERTRAGUNGEN. 34p.
Order from ETC or TIB: $3.60 as TT-65-28399

Trans. in German of Nauchno-Issledovatelskii Institut Pstoyannogo Toka. Izvestiya (USSR) v5 p101-26 1960.

TT-65-28417 Field 9C

Shekhtman, M. G.
SCHWINGUNGSDAMPFUNG DER ANODENSPANNUNG NACH DEM ERLOSCHEN DER UMFORMERVENTILE. 29p.
Order from ETC or TIB: $2.60 as TT-65-28417

Trans. in German of Nauchno-Issledovatelskii Institut Postoyannogo Toka. Izvestiya (USSR) v3 p143-60 1958.
Title: Damping the Anode-Voltage Oscillations after the Extinction of the Converters.

TT-65-28418 Field 9C

Kraichik, Yu. S.; Pintsov, A. M.
KENNWERTE UND ERSATZSCHALTUNGEN DER FREILEITUNGEN FUR GLEICHSTROMUBERTRAGUNG. 28p.
Order from ETC or TIB: $2.60 as TT-65-28418

Trans. in German of Nauchno-Issledovatelskii Institut Postoyannogo Toka. Izvestiya (USSR) v2 p112-27 1957.

TT-65-28448 Field 9C

Krylov, M. T.; Leshukov, N. D.; Shipulina, N. A.
SCHALTVORGANGE BEI EINER GLEICHSTROMUBERTRAGUNG IM NORMALBETRIEB, WOBEI DIE ABSCHALTUNG MIT HILFE EINER SPEZIALABSCHALTEINRICHTUNG VORGENOMMEN WIRD. 24p, 6refs.
Order from ETC or TIB: $2.60 as TT-65-28448

Trans. in German of Nauchno-Issledovatelskii Institut Postoyannogo Toka. Izvestiya (USSR) v5 p64-79 1960.
Title: Interruption of Direct Current Transmission by Means of Special Cutout Devices during Normal Operation.

TT-65-30484 Field 9C, 10A

Dubovskii, E.; Tyryshkin, V. G.; Boiko, V. I.; Mateichenko, V. S.; Matvienko, V. K.
USSR INDUSTRIAL DEVELOPMENT: SOVIET POWER MACHINERY. 10 Mar 65, 18p. JPRS-29067.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30484

Trans. of Energomashinostroenie (USSR) v10 n12 p45-6 Dec 1964. Energetika i Elektrotekhnicheskaya Promyshlennost (USSR) n4 p3-6 Oct/Dec 1964.

TT-65-31361 Field 9C

EAST EUROPEAN SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 10. 29 Jun 65, 36p. JPRS-30835.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31361

Contains abstracts of journals from East European scientific and technical journals.

TT-65-31402 Field 9C

USSR INDUSTRIAL DEVELOPMENT: SOVIET ELECTRICAL EQUIPMENT NO. 112. 1 Jul 65, 43p. JPRS-30903.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31402

Trans. of 16 selected articles from Mar-May 65 issues of various Russian periodicals.

D. Information theory

TT-65-11930 Field 9D

Leontev, A. N.; Krinchik, E. P.
CERTAIN FEATURES OF HUMAN INFORMATION PROCESSING. 25p, 13refs.
Order from SLA: $2.60 as TT-65-11930

Trans. of Voprosy Psikhologii (USSR) v8 n6 p14-25 1962.
For table of contents, see the 'Translated Tables of Contents' section of this issues.

TT-65-31389 Field 9D, 20M

Sedov, E. A.
ON THE PROBLEM OF THE RELATIONSHIP BETWEEN ENTROPY OF INFORMATION PROCESSES AND PHYSICAL ENTROPY. 30 Jun 65, 18p, 6refs. JPRS-30890.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31389

Trans. of Voprosy Filosofii (USSR) v19 n1 p135-45 1965.

E. Subsystems

TT-65-62649 Field 9E

Matyukhin, A. P.
DEVICE FOR COUPLING WAVEGUIDES. 7 Jul 65, 5p. FTD-TT-65-336; AD-618 092.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-618 092

Unedited rough draft trans. of Patent (USSR) 159 206.
Patent pub. 14 Jul 61, appl. no. 738156/26-9.

10 ENERGY CONVERSION (NON-PROPULSIVE)

A. Conversion techniques

TT-65-11028 Field 10A

Bernshtein, L. B.
TIDAL ENERGY FOR ELECTRIC POWER PLANTS. Tr. by A. Baruch; Collections on Planning Hydro Developments. Series 4. Hydroelectric Power Plants, Designs and Materials. 1965, 393p, 303refs. SFCSI Int (TT-64-11028).
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TT-65-31478 Field 10A

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11 MATERIALS

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Podvalnyi, A. M.
DER EINFLUSS VON TEMPERATUREINWIRKUNGEN AUF DIE LEBENSDAUER VON BETON MIT KUNSTHARZZUSCHLAGEN. 13p.
Order from ETC or TIB: $1.60 as TT-65-28387

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Order from ETC or TIB: $1.10 as TT-65-28413

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Order from ETC or TIB: $1.10 as TT-65-28420

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Order from ETC or TIB: $1.10 as TT-65-28483

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B. Ceramics, refractories and glasses

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PROCESS FOR THE MANUFACTURE OF GLASS (Procede de Fabrication du Verre). 16p, (foreign text included).
Order from SLA: $1.60 as TT-65-11894

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PROCESS FOR THE SEPARATION OF OBJECTS BOUND BY DEVITRIFIED GLASS (Verfahren zum Trennen von mit Entglastem Glas Verbundenen Gegenstaenden). 12p, (foreign text included).
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DISTRIBUTION OF GRINDING MEDIA IN TUBE MILLS. Paper presented at the Plenary Session of the Machine Technology Committee of the Association of German Cement Works, Duesseldorf, 27 Feb 64. 15p, 6refs.
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TT-65-11990 Field 11B

USE OF FINELY POWDERED SILICON CARBIDE OR MIXTURES CONTAINING IT FOR PRECISION DRESSING AND/OR POLISHING. 11p.
Order from SLA: $1.60 as TT-65-11990

Trans. of Patent (Belgium) 628 933.
Patented by Deutsche Gold-und Silber-Scheideanstalt Vormals Roessler, Frankfurt am/Main, Germany, filed 26 Feb 63, granted 15 Mar 63 (Priority: Germany, appl. 38,240 VIb/80b, 27 Feb 62).

TT-65-11991 Field 11B

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Order from SLA: $1.60 as TT-65-11991

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TT-65-12161 Field 11B

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METHODE ZUR BERECHNUNG DER TROCK-NUNGSDAUER KERAMISCHER ERZEUGNISSE. 8p.
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TT-65-28449 Field 11B

Nemeth, K.; Matyasi, J.
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TT-65-28456 Field 11B

Pirogov, A. A.; Rakina, V. P.; Gusev, I. D.; Pankratov, D. I.; Koisman, E.
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E. Fibers and textiles

NCH-200 469 Field 11E

Ruland, W.
DETERMINATION OF THE STATE OF ORDER OF HIGH POLYMERS BY X-RAY METHOD. May 65, 11p, 6refs. TC-693.
Order from TC: HC$11.00 as TC-693

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NCH-200 470 Field 11E

Jambrich, M.; Diacik, I.
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Formhals, A.
DEVICE FOR PRODUCING FIBERS AND FIBER BANDS FROM FIBER-FORMING SOLUTIONS BY MEANS OF HIGH VOLTAGE CURRENT. 9p.
Order from SLA: $1.10 as TT-65-11904

Trans. of Patent (Germany) 746 708.
Patent cl 29a, gr 605,granted 20 Jan 44, patent in force as of 16 July 40.

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Linkmeyer, R.
A PROCESS FOR PRODUCING CELLULOSE XANTHATE SOLUTIONS WHICH ARE ESPECIALLY SUITABLE FOR SPINNING FIBERS. 4p.
Order from SLA: $1.10 as TT-65-11909

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Order from SLA: $1.60 as TT-65-11910

Trans. of Patent (France) 1 338 618.
Patented by British Celanese Ltd., G. Brit., n.d.

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Eskrigde, B. B.
REGENERATED CELLULOSE YARNS. 11p.
Order from SLA: $1.60 as TT-65-11913

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TT-65-11916 Field 11E

PRODUCTION OF REGENERATED CELLULOSE FIBERS AND FILAMENTS. 21p, 2refs.
Order from SLA: $2.60 as TT-65-11916

Trans. of Patent (Belgium) 632 439.
Patented by Toyo Spinning Co., Ltd., Japan, filed 16 May 63 (Priority: Japan, patent pub. Showa 37-20 025, 16 May 62).

TT-65-11921 Field 11E

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PROCESS FOR DYEING WITH SULFUR DYES WITH THE ADDITION OF HYDROSULFIDES. 2p, 1ref.
Order from SLA: $1.10 as TT-65-12027

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ION EXCHANGE IN ZINC CELLULOSE. Communication no. 17 On the Fiber Formation of Viscose Capillary Yarns. 28p, (15 refs omitted) 3refs.
Order from SLA: $2.60 as TT-65-12087

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INTERMEDIATE FORMATION OF ZINC CELLULOSE XANTHATE DURING THE SPINNING OF REGENERATED CELLULOSE FILAMENTS. 7p, 9refs.
Order from SLA: $1.10 as TT-65-12088

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Order from SLA: $2.60 as TT-65-12094

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Fourne, F.
BICOMPONENT YARN. 6p, 8refs.
Order from SLA: $1.10 as TT-65-12172

Trans. of Chemiefasern (West Germany) v14 n10 p728-31 1964.
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Treiber, E.
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Order from SLA: $4.60 as TT-65-12176

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Order from ETC or TIB: $1.10 as TT-65-28443

Trans. in German of Izvestiya Vysshikh Uchebnykh Zavedenii. Tekhnologiya Tekstilnoi Promyshlennosti (USSR) n2 p148-52 1963.

TT-65-28445 Field 11E

Pivovarov, Yu. A.
UNTERSUCHUNG DES GANZMETALLSCHLAGWERKES AM WEBSTUHL AT -100-2. 9p.
Order from ETC or TIB: $1.10 as TT-65-28445

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TT-65-28451 Field 11E

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Order from ETC or TIB: $1.10 as TT-65-28451

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F. Metallurgy and metallography

NCH-201 066 Field 11F

Zamyatnin, M.; Eltsin, Yu. V.; Zvyagin, B. I.
ISOTHERMAL QUENCHING METHOD OF DETERMINING THE DEPTH OF THE CARBURIZED CASE IN ALLOY STEEL. 1965. BISI-4091.
Order from BISI: L5 as BISI-4091

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NCH-201 075 Field 11F

Wiethoff, G.
PRESENT STATE OF WEIGHING TECHNOLOGY IN BLAST FURNACE PLANT. May 65, 8p. BISI-3774.
Order from BISI: L8 10s as BISI-3774

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Angel, Y.
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Trans. of Vakuum-Technik (West Germany) v13 p185-91 Sep 1964.

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Order from BISI: L5 as BISI-4258

Trans. of Revue Universelle des Mines (France) v107(20) p233-41 Aug 1964.

NCH-201 628 Field 11F, 13H

Mercier, A.; Hochmann, J.
THE EFFECT OF VERY LOW BORON CONTENT ON THE CREEP STRENGTH OF STEELS BASED ON TYPE 18-8. Jul 65. BISI-4261.
Order from BISI: L4 10s as BISI-4261

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TT-64-51683 Field 11F

Mityaev, N.; Grin, M. F.
FULLER UTILIZATION OF RESERVES NEEDED IN METALLURGICAL INDUSTRY (AND) EXPANDING BOUNDARIES OF THE KURSK MAGNETIC ANOMALY. USSR Industrial Development: Soviet Ferrous Metallurgy no. 223. 19 Nov 64, 11p. JPRS-27434.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51683

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TT-65-11893 Field 11F

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APPLICATION OF AN ALLOY WITH A TANTALUM, TUNGSTEN OR MOLYBDENUM BASE AS A MATERIAL FOR THE PRODUCTION OF HEATING COILS. 5p.
Order from SLA: $1.10 as TT-65-11893

Trans. of Patent (Germany) 1 164 675.
Patented by Metallwerk Plansee A.G., Reutte, Tyrol, Austria, filed 4 Nov 57, granted 5 Mar 64 (Priority: Austria, appl. A 6600/57, 11 Oct 57).

TT-65-11925 Field 11F

Lihl, F.
CHANGE IN THE STATE OF STRESS OF THE SURFACE OF MATERIALS BY ETCHING. 18p, (figs omitted) 18refs.
Order from SLA: $1.60 as TT-65-11925

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Partial trans. (summary only) is available from SLA mi$1.80, ph$1.80 as TT-59-20585, 2p.

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Nonn, E.
QUENCHING PROCESS FOR FUSED ELECTROLYTICALLY PLATED METAL STRIP. 5p.
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TT-65-11961 Field 11F

Klammer, H.
EXPERIENCES WITH A RADIANT-WALL HEATED GALVANIZING FURNACE FOR TUBES. COMPARISON WITH A GALVANIZING FURNACE OF EQUAL DIMENSIONS, BUT HEATED BY SELF-SUCKING WASTE GAS RECIRCULATION BURNERS (Erfahrungen mit einem Strahlwandbeheizten Roehrenverzinkungsofen. Gegenueberstellende Betrachtung zu einem Verzinkunsofen Gleicher Abmessungen mit Selbstansaugenden Abgas-Umwaelzbrennern). 20p, (foreign text included) 6refs.
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TT-65-11998 Field 11F

Diev, N. P.; Eliseev, I. S.; Kochnev, M. I.; Paduchev, V. V.; Vermenichev, S. A.
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Trans. of Akademiya Nauk SSSR, Institut Metallurgii, Sverdlovsk. Trudy, n3 p93-101 1959.

TT-65-12024 Field 11F

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PHASE TRANSFORMATIONS IN COBALT. 2p.
Order from SLA: $1.10 as TT-65-12024

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For table of contents, see the 'Translated Tables of Contents' section of this issue.

TT-65-12032 Field 11F

OPERATION OF ELECTRIC FURNACES. E. G., CARBIDE

FURNACES BY MEANS OF TWO SORTS OF CHARGE MATERIAL OF SUBSTANTIALLY DIFFERENT GRAIN SIZE AND A HOLLOW ELECTRODE. 4p.
Order from SLA: $1.10 as TT-65-12032

Trans. of Patent (Germany) 526 626.
Patented by Norske Aktieselskab for Elektrokemisk Industri, Oslo, filed 29 Jan 29, granted 21 May 31, pub. 8 June 31 (Priority: Norway, 18 Feb 28).

TT-65-12051 Field 11F

PROCESS FOR REDUCTIVE MELTING. 4p, 2refs.
Order from SLA: $1.10 as TT-65-12051

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Patented by Siemens and Halske A. G., Berlin, filed 4 Apr 1898, granted 28 Mar 1899.

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Order from SLA: $1.10 as TT-65-12052

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TT-65-12143 Field 11F

Kirschfeld, L.
THE COMBUSTIBILITY OF METALS IN OXYGEN. I. THE SPEED OF COMBUSTION OF IRON WIRES IN OXYGEN AT REST. 13p, (figs omitted) 8refs.
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Nakagawa, G.
APPLICATION DU TRI-N-OCTYLAMINE A L'EXTRACTION DU MANGANESE II, DU FER III, DU COBALT, DU NICKEL, DU CUIVRE II ET DU ZINC ET A LA SEPARATION DU ZINC, COBALT, NICKEL, ET DU FER, COBALT, NICKEL. Org. 84-X-558; CNRS-G/X-1705.
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Order from CNRS: as G/X-1722

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TT-65-28101 Field 11F

Ivanov, V. E.; Zelenskii, V. F.; Faifer, S. I. Zhadanov, S. M.; Maksimenko, V. I.
MAGNESIUM CERMETS AND MAGNESIUM-BERYLLIUM ALLOYS (Metallokeramicheskie Magnievye i Magnievo-Berillievye Splavy). 17p. DTC-60.
Order from ETC or DTC: $1.60 as TT-65-28101

Unedited draft trans. of mono. Mezhdunarodnoe Agentstvo po Atomnoi Energii. Konferentsiya po Tekhnologii Novykh Yadernykh Materialov, Vklyuchaya Nemetallicheskie Toplivnye Elementy, Prague, 1-5 Jul 63. Trudy, p183-99.

TT-65-28388 Field 11F

Moroz, L. S.
URSACHEN FUR DIE VERWASCHUNG DER INTERFERENZLINIEN IN RONTIGENOGRAMMEN GEHARTETER KOHLENSTOFFFEREIER EISEN-LEGIERUNGEN. 16p.
Order from ETC or TIB: $1.60 as TT-65-28388

Trans. in German of Zhurnal Tekhnicheskoi Fiziki (USSR) v22 n3 p498-507 1952.

TT-65-28393 Field 11F

Kurdyumov, G. V.
UBER DIE NATUR DER HARTE GEHARTETEN STAHLS. 27p.
Order from ETC or TIB: $2.60 as TT-65-28393

Trans. in German of Problemy Metallovedeniya i Fizika Metallov (USSR) v4 p321-38 1955.

TT-65-28394 Field 11F

Kurdyumov, G. V.; Perkas, M. D.; Shamov, A. E.
UBER DEN ZUSTAND DER MARTENSITKRISTALLE TECHNISCH REINEN EISENS UND NIEDRIGGE-KOHLTER STAHLE NACH DER HARTUNG. 15p.
Order from ETC or TIB: $1.60 as TT-65-28394

Trans. in German of Problemy Metallovedeniya i Fizika Metallov (USSR) v4 p228-38 1955.

TT-65-28389 Field 11F

Kurdyumov, G. V.
DIFFUSIONSLOSE (MARTENSIT-)UMWANDLUNGEN IN LEGIERUNGEN. 58p.
Order from ETC or TIB: $5.60 as TT-65-28389

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Other translations are available in English from HB as HB-2300, HB-2412, HB-2423 and from SLA as RT-3553.

TT-65-28398 Field 11F

Kocich, J.
DIE ENTSTEHUNG UND DIE FORTPFLANZUNG VON RISSEN BEI KORROSIONSERMUDUNG. 22p.
Order from ETC or TIB: $2.60 as TT-65-28398

Trans. in German from Vysoka Skola Technicka, Kosice. Sbornik Vedeckych Prac (Czechoslovakia) n1 1961.

TT-65-28400 Field 11F

Seregin, S. A.
ERMITTLUNG DER UMFORMFESTIGKEIT IN ABHANGIGKEIT VON DER UMFORMGESCHWINDIGKEIT UND DER TEMPERATUR. 6p.
Order from ETC or TIB: $1.10 as TT-65-28400

Trans. in German of Izvestiya Vysshikh Uchebnykh Zavedenii, Chernaya Metallurgiya (USSR) v6 n8 p82-4 1963.

TT-65-28401 Field 11F

Sokolov, L. D.
ZU UNTERSUCHUNGEN DER TEMPERATUR- UND GESCHWINDIGKEITSABHANGIGKEIT VON METALLEN UND STAHLEN. 12p.
Order from ETC or TIB: $1.60 as TT-65-28401

Trans. in German of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v6 n8 p93-101 1963.

TT-65-28402 Field 11F

Kurdyumov, G.; Lysak, L.
DIE KINETIK DER ERSTEN STUDIUMS EINES MARTENSITZERFALLS. 14p.
Order from ETC or TIB: $1.60 as TT-65-28402

Trans. in German of Zhurnal Tekhnicheskoi Fiziki (USSR) v19 n5 p525-31 1949.
Another trans. is available in English from HB as HB-3041.

TT-65-28411 Field 11F

Golubkov, V. M., Ilina, V. A.; Kritskaya, V. K.
UNTERSUCHUNG DER PHYSIKALISCHEN FAKTOREN DIE AUF DIE VERFESTIGUNG LEGIERTEN EISENS EINFLUSS NEHMEN. 35p.
Order from ETC or TIB: $3.60 as TT-65-28411

Trans. in German of Problemy Metallovedeniya i Fiziki Metallov (USSR) v5 n4 p434-61 1958.

TT-65-28430 Field 11F

Glikman, L. A.; Suprun, L. A.
EINFLUSS DER OBERFLACHENVERFESTIGUNG DURCH KUGELSTRAHLEN AUF DIE KORROSIONS-SCHWINGUNGSFESTIGKEIT VON STAHL. 5p.
Order from ETC or TIB: $1.10 as TT-65-28430

Trans. in German of Tsentralnyi Nauchno-Issledovatelskii Institut Morskogo Flota. Trudy (USSR) n5 p32-5 1956.

TT-65-28431 Field 11F

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ZUM PROBLEM DER ENTWICKLUNG UND DES MECHANISMUS DER WERKSTOFFZERSTORUNG DURCH SCHWINGUNGSKORROSION. 11p.
Order from ETC or TIB: $1.60 as TT-65-28431

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TT-65-28433 Field 11F

Erdmann-Jesnitzer, F.; Wodara, J.
BEITRAG ZUR ENTWICKLUNG VON AUTOGEN-SCHWEISSDRAHTEN, LEGIERT AUS DER UMHULLUNGSMASSE. 18p.
Order from ETC or TIB: $1.60 as TT-65-28433

Trans. in German of Zvaranie (Czechoslovakia) v6 n10 p299-304 1957.

TT-65-28444 Field 11F

Tomashov, N. D.; Modestova, V. N.
DAS VERHALTEN VON TITANLEGIERUNGEN BEI SPANNUNGSRISSKORROSION IN SAUREN MEDIEN. 5p.
Order from ETC or TIB: $1.10 as TT-65-28444

Trans. in German of Titan i Ego Splavy (USSR) v6 p221-9 1961.

TT-65-28455 Field 11F

Gerasimov, V. V.; Moskvichev, G. S.
BEKAMPFUNG DER SPANNUNGSRISSKORROSION VON AUSTENITISCHEM STAHL IN CHLORIDHALTIGEM WASSER. 4p.
Order from ETC or TIB: $1.10 as TT-65-28455

Trans. in German of Teploenergetika (USSR) v9 n11 p67-8 1962.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-30588 Field 11F, 13H

Lobachev, P. V.
NEED FOR QUALITY IMPROVEMENT IN PRODUCTION OF ROLLED PRODUCTS (AND) NEW AND IMPROVED METHODS OF METAL PROCESSING. USSR Industrial Development: Soviet Ferrous Metallurgy no. 250. 25 Mar 65, 14p. JPRS-29286.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30588

Trans. from Ekonomicheskaya Gazeta (USSR) n4(129) p16 Jan 27 1964 and trans. of Vestnik Mashinostroeniya (USSR) v44 n11 p3-6 Nov 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-30621 Field 11F

Zhaksybaev, N.; Sulatskov, A.
USSR INDUSTRIAL DEVELOPMENT: SOVIET NONFERROUS METALLURGY NO. 122, 31 Mar 65, 15p. JPRS-29361.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30621

Trans. from Kazakhstanskaya Pravda 17 Dec p2; 20 Dec p2 1964. Pravda Ukrainy (USSR) 19 Dec p2 1964.

TT-65-30657 Field 11F, 13H

Arsenyuk, I.; Melnikov, I.
IMPROVEMENT OF TECHNIQUES AT KRAMATORSK METALLURGICAL PLANT IMENI KUYBYSHEV URGED (AND) KRAMATORSK METALLURGICAL PLANT IMENI KUYBYSHEV SLOW IN IMPROVING TECHNIQUES. USSR Industrial Development: Soviet Ferrous Metallurgy. 6 Apr 65, 8p. JPRS-29445.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30657

Trans. from Pravda Ukrainy (USSR) 26 Jan p2 1965.

TT-65-30774 Field 11F, 13H

Petrikeev, V. I.; Pertsev, M. A.; Chaika, A. I.
USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 257. 20 Apr 65, 26p. JPRS-29665.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30774

Trans. of Stal (USSR) v24 n1 p5-9 Jan 1964; v25 n1 p1-4 Jan 1965. Ogneupory (USSR) v30 n1 p47 Jan 1965.

TT-65-30802 Field 11F

NEEDED-SCRAP FOR THE OPEN-HEARTH FURNACES (AND) BUILDING A METALLURGICAL COMPLEX IN SIBERIA. USSR Industrial Development: Soviet Ferrous Metallurgy no. 258. 22 Apr 65, 8p. JPRS-29724.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30802

Trans. from Pravda, Leningrad (USSR) 16 Jan p2 1965. Sovetskaya Rossiya (USSR) 25 Feb p1 1965.

TT-65-31058 Field 11F, 13H

Vlasov, R. V.; Strugalshchikov, D. P.; Kostenko, F. G.; Ovchinnikov, G. P.; Meshcherin, V.
USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 266. 24 May 65, 27p. JPRS-30206.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31058

Trans. of Byulleten Tekhniko-Ekonomicheskoi Informatsii (USSR) n1 p10-17, p67-8 1965 and trans. from Izvestiya (USSR) 13 Mar p3 1965.
Available copy will not permit fully legible reproduction.

TT-65-31123 Field 11F, 13H, 13I

Mirkin, I. L.; Trusov, L. P.; Shulga, N. G.; Afanasev, P. D.; Yaremkevich, S. K.
STUDIES IN LOW-ALLOY PEARLITIC STEELS AND HIGHLY COERCIVE Fe-Ni-Al BASE ALLOYS: NEW HEAT-RESISTING PEARLITIC STEELS FOR POWER MACHINE BUILDING (AND) THE STRUCTURE, MAGNETIC PROPERTIES AND NEW PRODUCTION METHODS OF SOME HIGHLY COERCIVE Fe-Ni-Al BASE ALLOYS. 31 May 65, 23p, 13refs. JPRS-30340.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31 23

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Mashinostroenie (USSR) n3 p119-32 Mar 1965.
Available copy will not permit fully legible reproduction.

TT-65-31134 Field 11F, 11B

LAGGING CONSTRUCTION OF A CRUSHING-CONCENTRATION MILL AT THE MAGNITOGORSK METALLURGICAL COMBINE (AND) SOCIALIST COMPETITION FOR THE FULFILLMENT OF THE 1965 PLAN - IN THE REFRACTORIES INDUSTRY. USSR Industrial Development: Soviet Ferrous Metallurgy no. 268. 1 Jun 65, 13p. JPRS-30362.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31134

Trans. of Izvestiya 4 Apr p2 1965 and trans. of Ogneupory (USSR) v30 n3 p1-6 1965.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-31238 Field 11F, 13H

Smirnov, E.; Anokhin, A.; Bronfenmakher, A.; Golovanov, E.
ANALYSIS OF PRODUCTION LAG AT MAJOR METALLURGICAL PLANTS AND PROGRESS AT THE KAZAKH METALLURGICAL PLANT. USSR Industrial Development: Soviet Ferrous Metallurgy no. 270. 10 Jun 65, 10p. JPRS-30556.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31238

Trans. of Metallurg (USSR) v10 n3 p1-2 Mar 1965. Narodnoe Khozyaistvo Kazakhstana (USSR) v23 n1 p16-7 Jan 1965.

TT-65-31358 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET NONFERROUS METALLURGY NO. 130. 28 Jun 65, 26p, 4refs. JPRS-30821.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31358

Trans. of 7 selected articles from Feb, Apr-May 65 issues of various Russian periodicals.

TT-65-31360 Field 11F, 13H

EAST EUROPEAN SCIENTIFIC ABSTRACTS: METALS AND METALLURGY NO. 9. 29 Jun 65, 38p. JPRS-30834.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31360

Contains abstracts of journals from East European scientific and technical journals.

TT-65-31362 Field 11F, 13H

USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 273. 29 Jun 65, 24p. JPRS-30841.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31362

Trans. of selected articles and news briefs from May-Jun 65 issues of various Russian newspapers.

TT-65-31381 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 274. 30 Jun 65, 10p. JPRS-30862.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31381

Trans. of selected articles and news briefs from May-Jun 65 issues of various Russian periodicals.

TT-65-62567 Field 11F, 13K, 7D, 6A

Von Wolzogen Kuhr, C. A. H.; Vlugt, L. S. van der
GRAPHITIZATION OF CAST IRON AS AN ELECTRO-BIOCHEMICAL PROCESS IN ANAEROBIC SOILS. Mar 64, 52p, 37refs. ABL-Trans-1021; AD-617 552.
Order from CFSTI or ETC: HC$3.00, MF$0.50 as AD-617 552

Trans. of Water; Tijdschrift voor Drinkwatervoorziening (Netherlands) v18 n16 p147-65 Aug 3 1934.

TT-65-62624 Field 11F

Volkogon, G. M.; Rogelberg, I. L.
EFFECT OF CERTAIN ELEMENTS ON THE PLASTICITY OF NICKEL AT HIGHER TEMPERATURES (Vliyanie Nekotorykh Elementov na Plastichnost Nikelya pri Povyshennykh Temperaturakh). 7 Jul 65, 11p, 13refs. FTD-TT-65-328; AD-618 012.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-618 012

Unedited rough draft trans. of Tsvetnye Metally (USSR) v37 n6 p66-71 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.
Another trans. is available on loan from CFSTI as TT-65-61178, INC Trans. 64/137, 12p.
Available copy will not permit fully legible reproduction.

TT-65-62631 Field 11F

Osipov, K. A.; Sotnichenko, A. L.
INVESTIGATION OF LIMIT VALUES OF ACTIVATION ENERGY OF CREEP OF TITANIUM-ZIRCONIUM ALLOYS. 9 Jul 65, 10p, 5refs. FTD-TT-65-88; AD-618 008.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-618 008

Unedited rough draft trans. of Issledovaniya po Zharoprochnym Splavam (USSR) v10 p27-31 1963.

H. Oils, lubricants, and hydraulic fluids

TT-65-27853 Field 11H

Salcewicz, J.; Wegiel, J.
ETUDE DU MORCELLEMENT DU COKE SIDERURGIQUE AU COURS DE SON CLASSEMENT ET DE SON TRANSPORT JUSQU'AU HAUT FOURNEAU. Org. 2-5106-P.114-118; CNRS-G/X-1731.
Order from CNRS: as G/X-1731

Trans. in French of Hutnik (Poland) v30 n7/8 p236-45 1963.

TT-65-28414 Field 11H

Abdullin, R. A.
DER EINFLUSS EINIGER FAKTOREN AUF DIE STARKE DER PARAFFINABLAGERUNG IN STEIGROHREN. 6p.
Order from ETC or TIB: $1.10 as TT-65-28414

Trans. in German of Neftyanoe Khozyaistvo (USSR) v41 n4 p67-9 1963.

TT-65-28434 Field 11H

Rakov, P. P.
VORBEHANDLUNG DES ERDOLS VON SEINER WEITERVERARBEITUNG IN LANDERN AUSSERHALB DER SOWJET-UNION. 10p.
Order from ETC or TIB: $1.10 as TT-65-28434

Trans. in German of Neftyanoe Kozyaistvo (USSR) v40 n3 p62-5 1962.

TT-65-28435 Field 11H

Safronova, T. P.; Zhuze, T. P.
DER EINFLUSS DER ART DES ERDOLS AUF DIE GASLOS-LICHKEIT. 11p.
Order from ETC or TIB: $1.60 as TT-65-28435

Trans. in German of Neftyanoe Khozyaistvo (USSR) v40 n6 p43-7 1962.
Other translations are available in English from CFSTI, SLA or ETC $1.10 as TT-64-16417, 9p. and from ATS $10.00 as ATS-07P65R, 7p.

TT-65-28452 Field 11H

Vereshchagin, A. N.; Lobkov, A. M.; Shtangeev, A. L.
UBER DIE GEMEINSAME VERARBEITUNG VON ERDOL UND BEGLEITGAS. 5p.
Order from ETC or TIB: $1.10 as TT-65-28452

Trans. in German of Gazovaya Promyshlennost (USSR) v7 n1 p20-3 1962.

TT-65-28475 Field 11H

Garifyanov, N. S.; Akselrod, M. M.
MAGNETISCHE RESONANZ EINIGER STEINKOHLEN. 8p.
Order from ETC or TIB: $1.10 as TT-65-28475

Trans. in German of Khimiya i Tekhnologiya Topliv i Masel (USSR) v4 n3 p64-8 1959.
Other translations in German are available from TIB $1.55, 8p. and in English from ATS $9.95 as ATS-47L33R, 6p.

TT-65-28477 Field 11H

Vassoevich, N. B.
UBER DIE KRITIK DER ORGANISCHEN THEORIE DER ERDOLBILDUNG. 36p.
Order from ETC or TIB: $3.60 as TT-65-28477

Trans. in German of Vsesoyuznyi Neftyanoi Nachno-Issledovatelskii Geologo-Razvedochnyi Institut. Trudy (USSR) n128 p363-87 1958.

TT-65-62621 Field 11H

Oparina, E. M.; Tubyanskaya, G. S.; Kobzova, R. I.
POLYORGANOSILOXANES: LIQUID BASE OF HIGH TEMPERATURE CONSISTENT OILS. 30 Jun 65, 15p, 14refs. FTD-TT-65-322; AD-617 947.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-617 947

Unedited rough draft trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR) v9 n1 p32-8 1964.
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TT-65-62633 Field 11H

Vinogradov, G. V.; Nametkin, N. S.; Nosov, M. I.
EFFECT OF OXYGEN AND OXIDATION INITIATORS (HYDROPEROXIDE) ON ANTIWEAR AND ANTIFRICTION PROPERTIES OF POLYSILOXANES. 7 Jul 65, 15p,

17refs. FTD-TT-65-315; AD-618 010.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-618 010

Unedited rough draft trans. of Neftekhimiya (USSR) v4 n3 p510-7 1964.

TT-65-62634 Field 11H

Zaslavskii, Yu. S.; Stukin, A. D.; Shor, G. I.
ON CERTAIN CHARACTERISTICS OF IRRADIATING LUBRICANTS WHEN STUDYING THEIR RADIATION RESISTANCE. 6 Jul 65, 11p, 5refs. FTD-TT-65-325; AD-618 011.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-618 01

Unedited rough draft trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR) v9 n10 p44-8 1964.
Available copy will not permit fully legible reproduction.

I. Plastics

NCH-200 482 Field 11I

Sakharovskaya, G.; Korneev, N. N.; Nazarove, D. F.; Sobolevskii, M. F.
REACTION OF POLYORGANOXILANEDIOLS WITH TRIALKYLALUMINUMS. May 65, 6p, 6refs. TC-708.
Order from TC: HC$6.50 as TC-708

Trans. of Plasticheskie Massy (USSR) n7 p21-3 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

NCH-200 454 Field 11I

Putti, G.
DIFFERENTIAL THERMAL ANALYSIS APPLICATION TO THE STUDY OF VITREOUS TRANSITIONS OF POLYMERS. May 65, 14p. TC-668.
Order from TC: HC$14.00 as TC-668

Trans. of Materie Plastiche (Italy) v30 n2 p190-4 1964.

NCH-200 486 Field 11I

Frey, H. H.
POLYMER MIXTURES, ESPECIALLY THOSE ON THE BASIS OF POLYVINYL CHLORIDE. May 65, 16p, 13refs. TC-712.
Order from TC: HC$16.00 as TC-712
Trans. of Chemiker Zeitung (West Germany) v83 p645-50 1959.

NCH-200 489 Field 11I

Windemuth, E.; Braun, G.
POLYURETHANE TYPE PLASTIC MATERIALS. May 65, 17p. TC-717.
Order from TC: HC$17.00 as TC-717

Trans. of Patent (France) 1 183 538.
Patent filed 28 Sep 57 by Farbenfabriken Bayer AG.

NCH-200 790 Field 11I

Militskova, E. A.; Viktorov, E. S.; Sokolov, A. D.; Kostikov, V. P.
PROCESSING POLYFORMALDEHYDE BY MOLDING. 1965, 9p. ATS-71S82R.
Order from ATS: $11.85 as ATS-71S82R

Trans. of Plasticheskie Massy (USSR) n1 p23-7 1965.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-11891 Field 11I

Kishimoto, T.
PREPARATION METHOD FOR PLASTICS WITH A TRUE GOLDEN COLOR. 7p.
Order from SLA: $1.10 as TT-65-11891

Trans. of Patent (Japan) pub. 39-6808.
Patent appl. Showa 37-34,062, cl 25 H 09 and 25 N 232.2, by Dinippon Celluloid Company, Ltd., Sakai City, Japan, filed 17 Aug 62, pub. 8 May 64.

TT-65-11892 Field 11I

Tocker, S.
POLYMERIC MATERIALS CONTAINING MAINLY A POLYMER OF A DERIVATIVE OF ACETOPHENONE OR OF BENZOPHENONE MIXED WITH ANOTHER POLYMERIC MATERIAL, AND ARTICLES OBTAINED ON THE BASIS OF THESE POLYMERS. 21p.
Order from SLA: $2.60 as TT-65-11892

Trans. of Patent (France) 1 353 230.
Patent internat'l cl C 08 f, C 08 g, by E. I. Du Pont de Nemours and Co., USA, filed 14 Mar 63, granted 13 Jan 64 (Priority: U. S., No. 179,766, 14 Mar 62).

TT-65-11898 Field 11I

Oster, G.
IMPROVEMENTS IN THE GRAFTING OF MONOMERS ONTO MATERIALS CONTAINING HYDROGEN, AT HIGH DEGREE OF POLYMERIZATION (Perfectionnements au Greefage de Monomeres sur des Matieres Contenant de l'Hydrogene, a Haut Degre de O Polymerisation). 32p, (foreign text included).
Order from SLA: $3.60 as TT-65-11898

Trans. of Patent (Belgium) 560 986.
Patent filed 20 Sep 57, granted 15 Oct 57 (Priority: U. S., Sep 56).

TT-65-11899 Field 11I

Zhivukhin, S. M.; Tolstoguzov, V. B.
METHOD OF PRODUCTION OF DIELECTRIC PLASTICS (Sposob Polucheniya Plastmassy-Dielektrika). 4p, (foreign text included).
Order from SLA: $1.10 as TT-65-11899

Trans. of Patent (USSR) 141 298.
Patent classes 39b, 22 01 39b, 22 06; 39b, 5 07; gr 159, filed as 729,793/23, 11 May 61, pub. 1961.

TT-65-11903 Field 11I

Orthner, L.; Reuber, R.; Herrmann, O.; Seifried, W.
POLYURETHANE FILMS. 5p.
Order from SLA: $1.10 as TT-65-11903

Trans. of Patent (Germany) 1 033 406.
Patented by Farbwerke Hoechst A. G., Frankfurt/M., Germany, filed 17 Jan 57, granted 3 July 58, pub. 11 Dec 58.

TT-65-11908 Field 11I

Stevens, W. H.
PROCESS FOR CONTINUOUS DRYING OF ENDLESS, FLAT CELLULOSE HYDRATE FILM WEBS. 8p.
Order from SLA: $1.10 as TT-65-11908

Trans. of Patent (Germany) 1 159 630.
Patent cl 39a 3, gr 7/20. internat. cl B 29 d, by E. I. Du Pont de Nemours and Co., Wilmington, Del., USA, filed 8 Dec 55, granted 19 Dec 63.

TT-65-11911 Field 11I

PACKING MATERIAL. 15p.
Order from SLA: $1.60 as TT-65-11911

Trans. of Patent (France) 1 347 473.
Patent cl B 29 d; B 44 d; and B 64 d, by Olin Mathieson Chemical Corp., USA, filed 12 Feb 63.

TT-65-11912 Field 11I

Bishop, C. E.; Young, P. H.
SYNTHETIC FILAMENTS. 11p.
Order from SLA: $1.60 as TT-65-11912

Trans. of Patent (France) 1 346 111.
Patent Internat. cl D 01 d, D 01 f, by Celanese Corp. of America, USA, filed 30 Jan 63 (Priority: U. S., No. 169,907, 30 Jan 62).

TT-65-11914 Field 11I

Hafstad, J.; Wilson, K. R.
PROCESS AND APPARATUS FOR PRODUCING REGENERATED CELLULOSE FILM. 25p.
Order from SLA: $2.60 as TT-65-11914

Trans. of Patent (France) 1 332 815.
Patented by E. I. Du Pont de Nemours and Co., Wilmington, Del., USA, filed 12 July 62 (Priority: U. S., No. 124,437, 17 July 61).

TT-65-11915 Field 11I

Osborn, R. O.
REGENERATED CELLULOSE FILMS. 23p.
Order from SLA: $2.60 as TT-65-11915

Trans. of Patent (France) 1 332 816.
Patented by E. I. Du Pont de Nemours and Co., Wilmington, Del., USA, filed 12 July 62 (Priority: U. S., No. 124,614, 17 July 61).

TT-65-11918 Field 11I

Robin, J.
CONTINUOUS PRODUCTION OF CELLULOSE ESTERS. 4p.
Order from SLA: $1.10 as TT-65-11918

Trans. of Patent (USSR) 149 356.
Patented by Societe Rhodiaceta, France, filed 15 Oct 58 as 609,618/23, pub. 1962.

TT-65-11968 Field 11I

Frey, H. H.
THE HOSTALITZ, A NEW PLASTIC ON PVC-BASE. 16p, 11refs.
Order from SLA: $1.60 as TT-65-11968

Trans. of Kunststoffe (West Germany) v49 n2 p50-5 1959.
Another trans. is available from SLA $1.60 as TT-63-14183, 18p.

TT-65-12050 Field 11I

Winnick, C. N.; Rudoff, S.
PROCESS FOR THE PREPARATION OF DERIVATIVES OF EPSILON-HYDROXYCAPROIC ACID. 16p.
Order from SLA: $1.60 as TT-65-12050

Trans. of Patent (Belgium) 629 240.
Patented by Scientific Design Co., Inc., USA, filed 6 Mar 63 (Priority: U. S., No. 183,031, 28 Mar 62).

TT-65-12067 Field 11I

Musaelyan, I. N.; Berestneva, G. L.
STRUCTURE OF FILMS PREPARED IN COMPOSITIONAL MIXTURES. 5p, 5refs.
Order from SLA: $1.10 as TT-65-12067

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Khimicheskaya n1 p155-7 1964.
For table of contents, see the 'Translated Tables of Contents' section of this issue.

TT-65-12068 Field 11I

Kuznetsova, Z. I.; Ivanova, V. S.; Shorigina, N. N.
NEW NITROGEN-CONTAINING DERIVATIVES OF CELLULOSE. 5p, 5refs.
Order from SLA: $1.10 as TT-65-12068

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Khimicheskaya n1 p155-7 1962.
For table of contents, see the 'Translated Tables of Contents' section of this issue.

TT-65-12093 Field 11I

Rybnikar, F.
THE MELTING TEMPERATURE OF POLYPROPYLENE. 16p, 9refs.
Order from SLA: $1.60 as TT-65-12093

Trans. of Collection of Czechoslovak Chemical Communications v28 n2 p320-30 1963.

TT-65-27856 Field 11I

Pavel, A.
VASES ET RESERVOIRS EN MATERIAUX PLASTIQUES UTILISES POUR LE TRANSPORT ET LE STOCKAGE DU PETROLE BRUT ET DES PRODUITS PETROLIERES. Org. 55; CNRS-G/X-1726+.
Order from CNRS: as G/X-1726+

Trans. in French of Petrol si Gaze (Rumania) v15 n6 p306-8 1964.

TT-65-28551 Field 11I

Bezuglyi, V. D.; Saliichuk, E. K.
THE APPLICATION OF PALAROGRAPHY TO THE DETERMINATION OF THE MOLECULAR WEIGHT OF CERTAIN POLYMERS. Tr. by L. Mote. 7p, 7refs. MTWL-1330; TRC-Trans-1097.
Order from ETC: $41.10 as TT-65-28551

Trans. of Vysokomolekulyarnye Soedineniya (USSR) vô n4 p605-7 1964.

TT-65-31101 Field 11I

Aronson, Yu. P.
USE OF POLYMERIC MATERIALS FOR THE MANUFACTURE AND PROTECTION OF CHEMOPHARMACEUTICAL EQUIPMENT. 27 May 65, 17p, 32refs. JPRS-30290.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31101

Trans. of Meditsinskaya Promyshlennost SSSR v19 n1 p7-16 Jan 1965.

J. Rubbers

NCH-200 474 Field 11J

Heft, D.; Bochmann, D.
GAS CHROMATOGRAPHIC DETERMINATION OF ANTIOXIDANTS IN SYNTHETIC RUBBER. May 65, 14p, 9refs. TC-698.
Order from TC: HC$14.00 as TC-698

Trans. of Plaste und Kautschuk (East Germany) v11 n10 p624-7 1964.

TT-65-11947 Field 11J

THEORY AND PRACTICE FOR THE NEW GENERATION. PLASTICIZERS FOR RUBBER AND WAYS OF IMPROVING THEIR EFFECTIVENESS. 11p.
order from SLA: $1.60 as TT-65-11947

Trans. of Kautschuk und Gummi (West Germany) v1 n9 p250-1 1948.

TT-65-11948 Field 11J

Ecker, R.; Bannasch, H.; Heidemann, W.
COMPARATIVE MEASUREMENTS WITH PLASTOMETERS. Paper presented at the Meetings of the Deutsche Kautschuk-Gesellschaft, Goslar, 7-9 May 53. 44p, 6refs.
Order from SLA: $4.60 as TT-65-11948

Trans. of Kautschuk und Gummi (West Germany) v7 n8 p170WT-8WT 1954.

TT-65-11952 Field 11J

Lehfeldt, W.
TESTING TIRES WITH ULTRASONIC WAVES. 12p.
Order from SLA: $1.60 as TT-65-11952

Trans. of ATZ Automobiltechnische Zeitschrift (West Germany) v56 n5 p134-6 1954.

L. Wood and paper products

TT-65-11907 Field 11L

Filling, J. H.
PAPER CONTAINING REGENERATED CELLULOSE FIBERS. 6p.
Order from SLA: $1.10 as TT-65-11907

Trans. of Patent (Germany) 1 144 580. Patented by Lipaco, S. A., Basel, Switzerland, filed 31 Dec 60, granted 28 Feb 63, (Priority: U. S., No. 948, 7 Jan 60).

TT-65-12079 Field 11L

Komarov, F. P.
CHOICE OF THE TECHNICAL SCHEME FOR BLEACHING PULP. 9p.
Order from SLA: $1.10 as TT-65-12079

Trans. of Bumazhnaya Promyshlennost' (USSR) v38 n6 p3-5 1963.

TT-65-12089 Field 11L

Ivanov, S. N.; Gorskii, G. M.
USE OF SYNTHETIC FIBERS FOR THE PRODUCTION OF PAPER AND NONWOVEN FABRICS. 17p, 19refs.
Order from SLA: $1.60 as TT-65-12089

Trans. of Bumazhnaya Promyshlennost' (USSR) v37 n10 p23-6 1962.

12 MATHEMATICAL SCIENCES

A. Mathematics and statistics

NCH-201 631 Field 12A

AMERICAN MATHEMATICAL SOCIETY TRANSLATIONS, SER. 2, VOL. 46. 1965, 284p.
Order from AMS

Translations of 11 articles on Number Theory, Algebra and Functions of a Complex Variable from 1958-1964 issues of 8 Russian and East German journals.
Separate entries have been prepared for the individual articles.
Published under Grant NSF GN232.

NCH-201 631 (p. 1-16) Field 12A

Tartakovskii, V. A.
ON THE REPRESENTABILITY OF LARGE NUMBERS BY FORMS OF 'GENERAL TYPE' WITH A LARGE NUMBER OF VARIABLES (O Predstavinosti Bolshikh Chisel Formami 'Obshchego Vida' s Bolshim Chislom Peremennykh). Tr. by J. J. Sember. 1965, 16p, 6refs.
Order from AMS in American Mathematical Society Translations, ser. 2, v. 46, p. 1-16

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Matematika (USSR) n1(2) p161-73 1958.

NCH-201 631 (p. 17-47) Field 12A

Malyshev, A. V.
ON THE REPRESENTATION OF INTEGERS BY POSITIVE QUADRATIC FORMS WITH FOUR OR MORE VARIABLES, I (O Predstavlenii Tselykh Chisel Polozhitelnymi Kvadratichnymi Formami s Chetyrmya i Bolee Peremennymi, I). Tr. by H. Alderson. 1965, 31p, 22refs.
Order from AMS in American Mathematical Society Translations, ser. 2, v. 46, p. 17-47

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Matematicheskaya, v23 n3 p337-64 1959.

NCH-201 631 (p. 48-56) Field 12A

Klimov, N. I.
ALMOST PRIME NUMBERS (Pochti Prostye Chisla). Tr. by G. Burgie. 1965, 9p, 21refs.

Order from AMS in American Mathematical Society Translations, ser. 2, v. 46, p48-56

Trans. of Uspekhi Matematicheskikh Nauk (USSR) v16 n3(99) p181-8 1961.

NCH-201 631 (p. 57-64) Field 12A

Tashbaev, V.
THE REMAINDER TERM IN DIRECT ADDITIVE PROBLEMS (Ostatochnyi Chlen v Pryamykh Additivnykh Zadachakh). Tr. by G. A. Kandall. 1965, 8p, 6refs.
Order from AMS in American Mathematical Society Translations, ser. 2, v. 46, p. 57-64

Trans. of Akademiya Nauk Uzbekskoi SSSR, Tashkent. Izvestiya. Seriya Fiziko-Matematicheskikh Nauk, n4 p31-7 1960.

NCH-201 631 (p. 65-148) Field 12A

Linnik, Yu. V.
AN ASYMPTOTIC FORMULA IN AN ADDITIVE PROBLEM OF HARDY AND LITTLEWOOD (Asimptoticheskaya Formula v Additivnoi Probleme Gardi-Littlvuda). Tr. by J. M. Danskin. 1965, 84p, 9refs.
Order from AMS in American Mathematical Society Translations, ser, 2, v. 46, p. 65-148

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Matematicheskaya, v24 p629-706 1960.

NCH-201 631 (p. 149-52) Field 12A

Demushkin, S. P.
THE GROUP OF THE MAXIMAL p-EXTENSION OF A LOCAL FIELD (Gruppa Maksimalnogo p-Rasshireniya Lokalnogo Polya). Tr. by R. A. McHaffey. 1965, 4p, 3refs.
Order from AMS in American Mathematical Society Translations, ser. 2, v. 46, p. 149-52

Trans. of Akademiya Nauk SSSR. Doklady, v128 n4 p657-60 1959.

NCH-201 631 (p. 153-61) Field 12A

Suprunenko, D. A.
SOLUBLE SUBGROUPS OF THE MULTIPLICATIVE GROUP OF A FIELD (O Razreshimykh Podgruppakh Multiplikativnoi Gruppy Tela). Tr. by K. A. Hirsch. 1965, 9p, 8refs.
Order from AMS in American Mathematical Society Translations, ser. 2, v. 46, p. 153-6113

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Matematicheskaya, v26 p631-8 1962.

NCH-201 631 (p. 162-4) Field 12A

Kemkhadze, Sh. S.
ON THE DEFINITION OF NILPOTENT GROUPS (K Opredeleniyu Nilpotentnykh Grupp). Tr. by R. H. Roper. 1965, 3p, 3refs.
Order from AMS in American Mathematical Society Translations, ser. 2, v. 46, p. 162-4

Trans. of Akademiya Nauk Gruzinskoi SSR, Tiflis. Soobshcheniya, v26 p385-7 1961.

NCH-201 631 (p. 165-92) Field 12A

Gurevich, Yu. Sh.
ELEMENTARY PROPERTIES OF ORDERED ABELIAN GROUPS (Elementarnye Svoistva Uporyadochennykh Abelevykh Grupp). Tr. by K. A. Hirsch. 1965, 28p, 7refs.
Order from AMS in American Mathematical Society Translations, ser. 2, v. 46, p. 165-92

Trans. of Algebra i Logika (USSR) v3 n1 p5-39 1964.

NCH-201 631 (p. 193-212) Field 12A

Novikov, P. S.; Adyan, S. I.
THE WORD PROBLEM FOR SEMIGROUPS WITH ONE-SIDED CANCELLATIONS (Problema Tozhdestva dlya Polugrupp s Odnoatoronnim Sokrashcheniem). Tr. by C. Davis. 20p, 5refs.
Order from AMS in American Mathematical Society Translations, ser. 2, v. 46, p. 193-212

Trans. of Zeitschrift fuer Mathematische Logik und Grundlagen der Mathematik (East Germany) v4 p66-88 1958.

NCH-201 631 (p. 213-84) Field 12A

Arnold, V. I.
SMALL DENOMINATORS. I. MAPPINGS OF THE CIRCUMFERENCE ONTO ITSELF (Malye Znamenateli. I. Ob Otobrazheniyakh Okruzhnosti na Sebya). Tr. by J. M. Danskin. 1965, 72p, 43refs.
Order from AMS in American Mathematical Society Translations, ser. 2, v. 46, p. 213-84

Trans. of Akademiya Nauk SSSR. Izvestiya Seriya Matematicheskaya, v25 p21-86 1961.

TT-65-20854 Field 12A, 9B, 6D

ABSTRACTS ON PROBABILITY THEORY AND MATHEMATICAL STATISTICS; THEORETICAL CYBERNETICS; COMPUTER TECHNOLOGY. 30 Apr 65, 692p. JPRS-29829.
Order from CFSTI or ETC: HC$9.91, MF$3.00 as TT-65-20854

Trans. of Referativnyi Zhurnal, Kibernetika (USSR) n3 sects 1-2 Mar 1964.
Available copy will not permit fully legible reproduction.

TT-65-28429 Field 12A

Keldysh, M. V.
DAS VERFAHREN B.G. GALERKINS ZUR LOSUNG VON RANDWERTAUFGABEN. 32p.
Order from ETC or TIB: $3.60 as TT-65-28429

Trans. in German of Akademiya Nauk SSSR. Izvestiya. Seriya Matematicheskaya, v6 n4 p309-30 1942.
Other translations are available in English from CFSTI, ETC or SLA $4.60 as TT-63-20329, 42p. and from CFSTI or ETC $1.50 as TT-64-11607, NASA-TT-F-195, 56p.

TT-65-62654 Field 12A

Volkov, E. A.
AN ANALYSIS OF ONE ALGORITHM OF HEIGHTENED PRECISION OF THE METHOD OF NETS FOR THE SOLUTION OF POISSON'S EQUATION. Tr. by

Richard Bartels. 4 Jul 65, 33p, 7refs. CS-27; AD-618 216.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as AD-618 216.

Trans. of Vychislitel'naya Matematika (USSR) v1 p62-80 1957.
Another trans. is available in American Mathematical Society Translations, 1964, ser. 2, v. 35, p. 117-136.
Translated under Contract Nonr22537.

B. Operations research

TT-65-28421 Field 12B

Orlov, R. V.; Saratovskii, G. E.; Skochinskii, A. A.
DIE RECHENTECHNIK UND KYBERNETIK IM BERGBAU. 23p.
Order from ETC or TIB: $2.60 as TT-65-28421

Trans. in German of Ugol (USSR) v37 n3 p11-5 1962.

TT-65-28425 Field 12B

Fajkos, A.
DIE LINEARE PROGRAMMIERUNG IM BERGBAU. 15p.
Order from ETC or TIB: $1.60 as TT-65-28425

Trans. in German of Uhli (Czechoslovakia) v3 p311-6 1961.

TT-65-62573 Field 12B

Ozhiganova, I. A.
A NECESSARY AND SUFFICIENT CONDITION OF ONE OPTIMUM PROBLEM FOR A LINEAR DIFFERENTIAL EQUATION WITH DELAY. 20 May 65, 15p, 3refs.
FTD-TT-65-450; AD-617 658.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-617 658

Unedited rough draft trans. of Institut Khimicheskogo Mashinostroeniya. Trudy (USSR) v25 p172-80 1963.

13 MECHANICAL, INDUSTRIAL, CIVIL, AND MARINE ENGINEERING

A. Air conditioning, heating, lighting and ventilating

TT-65-31209 Field 13A

Solovev, V. V.
AIR (GAS) FLOW VIBRATIONS IN TUBE CLUSTERS OF BOILER ASSEMBLIES. 8 Jun 65, 8p, 5refs. JPRS-30498.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31209

Trans. of Teploenergetika (USSR) v7 n7 p32-4 Jul 1960.

TT-65-31614 Field 13A, 13J

Khoroshev, G. A.; Petrov, Yu. I.
DECREASING THE NOISE LEVEL OF CENTRIFUGAL VENTILATORS. 16 Jul 65, 8p, 2refs. JPRS-31116.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31614

Trans. of Sudostroenie (USSR) v31 n3 p15-7 Mar 1965.

TT-65-62656 Field 13A, 20M

Biman, V. M.; Vasserman, A. A.
HEAT POWER ENGINEERING (SELECTED ARTICLES). 8 Jun 65, 43p, 20refs. FTD-MT-64-461; AD-618 313.
Order from CFSTI or ETC: C$.00, MF$0.50 as AD-618 313.

Edited machine trans. of Teploenergetika (USSR) v10 n11 p2-12, 81-5 1963.
For table of contents, see the 'Translated Tables of Contents' section of this issue.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.
Available copy will not permit fully legible reproduction.

B. Civil engineering

NCH-201 630 Field 13B

Rumpf, H.
CONCERNING THE SIZE ANALYSIS OF TECHNICAL DUSTS. Jul 65. BISI-4326.
Order from BISI: L9 10s as BISI-4326

Trans. of Staub (West Germany) v25 n1 p15-21 1965.

TT-65-27859 Field 13B

Neset, K.
COMMENT REDUIRE LES DIMENSIONS DES STOTS DE PROTECTION DES PUITS VERTICAUX.
Org. 54-727-64 D.13-44558; CNRS-G/X-1740+.
Order from CNRS: as G/X-1740+

Trans. in French of Vysoka Skola Banska. Sbornik Vedeckych Praci (Czechoslovakia) v9 n7 p1015-35 1963.

TT-65-27889 Field 13B

Lysogorova, I. K.
PURIFICATION OF OIL INDUSTRY EFFLUENTS CAUSING POLLUTION OF BAKU BAY (Ob Ochistke Stochnykh vod Neftyanoi Promyshlennosti Zagryayushchykh Bakinskuyu Bukhtu). 3p. CSIR-tr-425.
Order from CSIR : as CSIR-tr-425

Trans. of Gigiena i Sanitariya (USSR) v24 n3 p78-9 1959.

TT-65-28100 Field 13B

DEN VETENIAER HYDIEJNISKE INSPEKTION INDENFOR KOEDINDUSTRIEN. STADFAESTET DEN 10.2.1959 AF LANDBRUGSMINISTERIET. AFSNIT 6 OG 7. 8p. DTC-61.
Order from ETC or DTC: $1.10 as TT-65-28100

Unedited draft trans. mono. of Veterinarno-Sanitarnyi Nadzor r Myasnoi Promyshlennosti Utverzhdeny Glavnym Upravleniem Veterinarii MSKH SSSR 10.2.1959. Razdel 6 i 7. 9p.

TT-65-28390 Field 13B

Shestakov, V. M.
BERECHNUNG DER GRUNDWASSERABSENKUNG BEI HORIZONTALFILTERANLAGEN. 7p.
Order from ETC or TIB: $1.10 as TT-65-28390

Trans. in German of Osnovaniya, Fundamenty i Mekhanika Gruntov (USSR) v4 n1 p23-5 1962.

TT-65-28396 Field 13B

Kritskii, E. L.; Minster, M. N.
GERATE UND VORRICHTUNGEN ZUR KONTROLLE DER FULLHOHE VON BUNKERN. 7p.
Order from ETC or TIB: $1.10 as TT-65-28396

Trans. in German of Tsement (USSR) v29 n4 p4-5 1963.

TT-65-28408 Field 13B

Pchelkin, Yu. N.
AUTOMATISCHE REGELUNG DER TEMPERATUR UND FEUCHTIGKEIT IN VIEHSTALLEN. 24p.
Order from ETC or TIB: $2.60 as TT-65-28408

Trans. in German of Vsesoyuznii Nauchno-Issledovatelskii Institut Elektrifikatsii Selskogo Khozyaistva. Nauchnye Trudy (USSR) v8 p36-52 1961.

C. Construction equipment, materials and supplies

TT-65-28450 Field 13C

Lagunov, V. V.
EINFUHRUNG VON GROSSEN ZEMENTDREHOFEN. 6p.
Order from ETC or TIB: $1.10 as TT-65-28450

Trans. in German of Tsement (USSR) v28 n6 p18-9 1962.

TT-65-31429 Field 13C

PRAVDA EDITORIAL: TRANSLATIONS NO. 465.
2 Jul 65, 5p. JPRS-30930.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31429

Trans. from Pravda, Moscow (USSR) 30 Jun p1 1965.

F. Ground transportation equipment

TT-64-41357G Field 13F

IMPROVEMENT OF TRANSPORTATION EFFICIENCY (AND) LEARN TO SERVE - THE SPIRIT OF THE HSIN MIN RAILWAY STATION. Communist China's Transportation and Communications: Translations no. 2. 24 Aug 64, 10p. JPRS-26094.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-41357G

Trans. from Jen Min Jih Pao (Chinese People's Republic) 29 Jun p1 1964. Kung Jen Jih Pao (Chinese People's Republic) 24 Jun p1 1964.

TT-65-11977 Field 13F

Vukolov, L. A.
THE NEED FOR SPEEDY ADOPTION OF COMPOSITION BRAKING SHOES. 6p.
Order from SLA: $1.10 as TT-65-11977

Trans. of Zheleznodorozhnyi Transport (USSR) v46 n5 p29-33 1964.

TT-65-28404 Field 13F

Skoda, J.
DIE STABILITAT DER WAGENLENKUNG BEI QUERNACHGIEBIGKEIT IN DER AUFHANGUNG DER VORDERACHSE. 10p.
Order from ETC or TIB: $1.10 as TT-65-28404

Trans. in German of Automobil (Czechoslovakia) v1 n7 p225-8 1957.

TT-65-30270 Field 13F

Gebalo, I.; Gardinin, A. S.
USSR INDUSTRIAL DEVELOPMENT: SOVIET AUTOMOTIVE INDUSTRY. 3 Feb 65, 9p. JPRS-28611.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30270

Trans. of Byulleten Tekhniko-Ekonomicheskoi Informatsii (USSR) n12 p20 Dec 1964 and trans. from Sovetskaya Rossiya (USSR) 5 Dec p1 1964; 17 Jan p2 1965.
Available copy will not permit fully legible reproduction.

TT-65-30291 Field 13F, 21G

Dragunov, M.; Vzorov, B. A.
THE IMPORTANCE OF STANDARDS ENGINEERS IN PRODUCTION (AND) CONCERNING METHODS FOR LENGTHENING THE OPERATIONAL LIFE OF MOTOR VEHICLE ENGINES IN PRODUCTION. USSR Industrial Development: Soviet Automotive Industry no. 79.
8 Feb 65, 22p, 2refs. JPRS-28666.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30291

Trans. from Ekonomicheskaya Gazeta (USSR) n45(170) p14 Nov 4 1964 and trans. of Avtomobilnaya Promyshlennost (USSR) v30 n10 p1-4 Oct 1964.
Available copy will not permit fully legible reproduction.

TT-65-30397 Field 13F

Ladov, V.; Vorobeichik, M.
USSR INDUSTRIAL DEVELOPMENT: SOVIET AUTOMOTIVE INDUSTRY. 26 Feb 65, 11p. JPRS-28917.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30397

Trans. of Za Rulem (USSR) v23 n1 p27 Jan 1965 and trans. from Komsomolskaya Pravda (USSR) 1 Oct p2 1964.

TT-65-30429 Field 13F

Strokin, N. I.; Rogozhin, V.; Larin, B.; Barkhi, L.; Vasileev, L. B.
USSR INDUSTRIAL DEVELOPMENT: SOVIET AUTOMOTIVE INDUSTRY NO. 83. 3 Mar 65, 31p. JPRS-28972.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30429

Trans. of Za Rulem (USSR) v22 n11 p1-5, 12-3 Nov 1964. Mekhanizatsiya i Avtomatizatsiya Proizvodstva (USSR) v18 n11 p42-5 Nov 1964.
Available copy will not permit fully legible reproduction.

TT-65-31377 Field 13F

USSR INDUSTRIAL DEVELOPMENT: AUTOMOTIVE INDUSTRY NO. 98. 30 Jun 65, 15p. JPRS-30857.

Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31377

Trans. of selected articles from May 65 issues of various Russian newspapers.

TT-65-31571 Field 13F, 9C

Berenyi, L.
PRODUCT DEVELOPMENT AT THE GANZ ELECTRICAL WORKS IN 1964. 13 Jul 65, 6p. JPRS-31073.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31571

Trans. of Elektrotechnika (Hungary) v58 n5 p216-7 May 1965.

TT-65-31612 Field 13F

Semenov, P.
UNMECHANIZED OPERATIONS AND EXCESSIVE OVERTIME LEAD TO 'STORMING' AT THE MIASS MOTOR VEHICLE PLANT (AND) COMFORT AND COMPACTNESS ARE THE KEYS TO THE AUTOMOBILES AND BUSES OF THE FUTURE. USSR Industrial Development: Soviet Automotive Industry no. 99. 16 Jul 65, 9p. JPRS-31114.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31612

Trans. from Trud, Moscow (USSR) 14 May p2 1965 and trans. of Nauka i Tekhnika (Latvian SSR) n2 p12-3 Feb 1965. Available copy will not permit fully legible reproduction.

G. Hydraulic and pneumatic equipment

TT-65-11887 Field 13G

Citroen, A.
COMMUTATION ARRANGEMENT OF HYDRAULIC PUMPS AND MOTORS. 9p.
Order from SLA: $1.10 as TT-65-11887

Trans. of Patent (France) 1 242 380.
Patent cl F 02 h, by Citroen Andre Ltd., Company, filed 21 Aug 59, granted 22 Aug 60.

TT-65-30660 Field 13G

Govorov, A.
NEW LIFE OF PNEUMOAUTOMATICS. 6 Apr 65, 10p. JPRS-29454; N65-20830.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30660

Trans. of Nauchno-Tekhnicheskie Obshchestva SSSR, v7 n1 p25-9 Jan 1965.
Available copy will not permit fully legible reproduction.

TT-65-62645 Field 13G, 20D

Aizerman, M. A. ed.
PNEUMATIC AND HYDRAULIC AUTOMATION. Papers presented at the Seminar on Pneumatic and Hydraulic Automatic Elements (no. 5) Leningrad, Jun 62. 30 Jun 65, 414p. FTD-TT-65-169; AD-618 061.
Order from CFSTI or ETC: HC$7.15, MF$2.00 as AD-618 061

Unedited rough draft trans. of mono. Pnevmo-i Gidroavtomatika, Moscow, 1964, 264p.
For table of contents, see the 'Translated Tables of Contents' section of this issue.

H. Industrial processes

NCH-201 076 Field 13H

Duflot, J.
CONTROL OF INGOT MOULDS IN A STEELWORKS (WITH DISCUSSION). May 65, 9p. BISI-4105.
Order from BISI: L5 as BISI-4105

Trans. of Revue de Metallurgie (France) v61 p781-9 Sep 1964.
Another trans. is available from SLA $1.60 as TT-65-11728, 13p.

NCH-201 078 Field 13H

Kasik, I.; Storkan, Z.; Stanek, J.
THE ELECTROSLAG REMELTING OF STEELS AND ALLOYS IN THE USSR. May 65, 8p. BISI-4199.
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Order from BISI: L4 as BISI-4294

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Order from SLA: $1.10 as TT-65-11967

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Order from SLA: $1.10 as TT-65-12018

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I. Machinery and tools

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Order from ETC or TIB: $1.10 as TT-65-28412

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30325

Trans. from Pravda, Leningrad (USSR) 13 Dec p1 1964 and trans. of Komunist Ukrainy (USSR) v39 n11 p10-8 Nov 1964.

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30692

Trans. from Komsomolskaya Pravda (USSR) 12 Dec p2 1964. Izvestiya (USSR) 25 Dec p3 1964.
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TT-65-31351 Field 13I, 12A

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31351

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31613

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WEAR RESISTANCE OF POLYFORMALDEHYDE IN SLEEVE BEARINGS. 9 Jul 65, 8p, 3refs. FTD-TT-65-329; AD-618 058.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-618 058

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J. Marine engineering

TT-65-31397 Field 13J, 10B

Stuerck, E.; Siebold, K.
EAST EUROPEAN HEAVY INDUSTRY: TRANSLATIONS NO. 229. 1 Jul 65, 16p. JPRS-30898.

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K. Pumps, filters, pipes, fittings, tubing and valves

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Order from SLA: $1.10 as TT-65-11883

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Patent cl F 05 b, by Andre Citroen Ltd., Company, filed
18 Sep 59, granted 19 Sep 60.

M. Structural engineering

TT-65-11946 Field 13M

Rueling, F. R. von
ADHESIVE STRENGTH AND ANTICORROSION PROPERTIES OF ADHESIVE MATERIALS FOR DECK PAVINGS ON ORTHOTROPIC PLATES OF STEEL BRIDGES. 14p, 9refs.
Order from SLA: $1.60 as TT-65-11946

Trans. of Bitumen, Teere, Asphalte, Peche und Verwandte Stoffe (West Germany) v15 p220-22, 224-5 1964.

14 METHODS AND EQUIPMENT

B. Laboratories, test facilities, and test equipment

TT-65-62596 Field 14B

Sirota, N. N.
PHYSICISTS PEEK INTO THE FUTURE. 24 May 65, 8p.
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INSTRUMENTS AND EXPERIMENTAL TECHNIQUES, VOL. 9, NO. 1, 1964: SELECTED ARTICLES. 30 Jun 65, 21p, 13refs. FTD-TT-65-320; AD-617 908.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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C. Recording devices

TT-65-31509 Field 14C, 17B, 9C

Lenard, L.
HUNGARIAN PATENTS IN TELECOMMUNICATIONS: CIRCUIT FOR THE REMOTE CONTROL OF STUDIO TAPE RECORDERS (AND) ECONOMIZER DYNAMIC TRIGGER CIRCUIT WITH CONDENSER STORAGE AND SYNCHRONIZER CIRCUIT. 9 Jul 65, 6p. JPRS-31011.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as
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E. Reprography

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Matejec, R.; Moisar, E.
EXPERIMENTS ON THE OXIDATION-REDUCTION ACTIVITY OF THE LATENT IMAGE. 15p, 11refs.
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Order from SLA: $1.60 as TT-65-11945

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15 MILITARY SCIENCES

No Entries

16 MISSILE TECHNOLOGY

No Entries

17 NAVIGATION, COMMUNICATIONS DETECTION AND COUNTERMEASURES

A. Acoustic detection

TT-65-31183 Field 17A, 8A

Shishkova, E. V.
ANALYTICAL METHOD OF DETERMINATION OF SONIC PRESSURE OF DOLPHIN SIGNALS AT THE POINT OF RECEPTION. 8 Jun 65, 7p. JPRS-30466.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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B. Communications

TT-65-62647 Field 17B

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ENGINEERING-TECHNICAL REFERENCE BOOK ON ELECTRICAL COMMUNICATION (CHAP. 5, 11, AND APPENDIX 2). 29 Apr 65, 109p. FTD-MT-64-182; AD-618 090.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as AD-618 090

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G. Navigation and guidance

TT-65-62643 Field 17G

Slezkin, L. N.
EFFECT OF THE INERTIA OF CARDAN SUSPENSION DISKS ON THE MOTION ON A GYROSCOPIC INTEGRATION OF LINEAR ACCELERATIONS. 7 Jul 65, 10p, 5refs. FTD-TT-65-333; AD-618 059.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-618 059

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18 NUCLEAR SCIENCE AND TECHNOLOGY

B. Isotopes

TT-65-27849 Field 18B

Kanagawa, A.; Oyama, Y.
ETUDE DE LA SEPARATION DES ISOTOPES PAR CENTRIFUGATION A CONTRE-COURANT GAZEUX. Org. 84-X-554; CNRS-G/X-1703.
Order from CNRS: as G/X-1703

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TT-65-27852 Field 18B

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Order from CNRS: as G/X-1706

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TT-65-30711 Field 18B, 6E

Modestov, V. K.; Kozyreva, A. L.; Klachko, V. R.
MEDICAL USE OF RADIOACTIVE ISOTOPES: FOREWORD; TREATMENT OF THYREOTOXICOSIS WITH RADIOACTIVE IODINE; TABLE OF CONTENTS. 13 Apr 65, 10p. JPRS-29548.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30711

Trans. of mono. Lechebnoe Primenenie Radioaktivnykh Isotopov, Moscow, 1964 p3, 44-6, 166.

C. Nuclear explosions

TT-65-31512 Field 18C, 15C, 15F

Volkov, I. D.; Ulanovskii, B. Ya.; Usov, N. A.; Tsivilev, M. P.
ENGINEERING AND RESCUE OPERATIONS AT THE SITE OF AN ATOMIC STRIKE. 9 Jul 65, 193p, 25refs. JPRS-31014.
Order from CFSTI or ETC: HC$5.00, MF$1.25 as TT-65-31512

Trans. of mono. Inzhenerno-Spasatelnye Raboty v Ochage Yadernogo Porazheniya, Moscow, 1965 p1-151.
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H. Radioactivity

TT-65-30241 Field 18H, 8J

Popov, N. I.; Patin, S. A.; Polevoi, R. I.; Konnov, V. A.
STRONTIUM-90 IN THE WATERS OF THE PACIFIC OCEAN. REPT. 2. SURFACE WATERS OF THE CENTRAL PORTION, 1961. 1 Feb 65, 7p, 7refs. JPRS-28558.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30241

Trans. of Okeanologiya (USSR) v4 n6 p1026-9 1964.

19 ORDNANCE

No Entries

20 PHYSICS

TT-65-31566 Field 20-, 12A

USSR SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 37. 13 Jul 65, 217p. JPRS-31068.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as TT-65-31566

Contains abstracts of articles from USSR scientific and technical journals.

A. Acoustics

TT-65-12001 Field 20A

Rosenberg, L. D.
THE CONDITIONS FOR OBTAINING THE GREATEST ULTRASONICS CONCENTRATION (Ob Usloviyakh Polucheniya Naibol'shei Kontsentratsii Ul'trazvuka). 9p, (foreign text included), 5refs.
Order from SLA: $1.10 as TT-65-12001

Trans. of Akademiya Nauk SSSR. Doklady, v94 n5 p845-8 1954.
Another trans. is available from HB as HB-3416.

B. Crystallography

TT-65-62587 Field 20B, 20H, 20D

Talibi, M. A.; Yusifov, A. G.
CERTAIN CHARACTERISTICS CONCERNING THE EFFECT OF X-AND GAMMA-RAYS ON THE ELECTRICAL RESISTANCE OF CdS CRYSTALS. 2 Jul 65, 11p, 13refs. FTD-TT-64-1162; AD-617 673.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-617 673

Unedited rough draft trans. of Akademiya Nauk Azerbaidzhanskoi SSR, Baku. Izvestiya. Seriya Fiziko-Matematicheskikh i Tekhnicheskikh Nauk, n6 p91-7 1960.

C. Electricity and magnetism

TT-65-11732 Field 20C

Esikov, Yu. G.
POTENTIAL DISTRIBUTION OF THE ELECTRICAL FIELD IN A CYLINDRICAL CAPACITOR (O Raspredelenii Napryazhennosti Elektricheskogo Polya v Tsilindricheskon Kondensatore). 14p, (foreign text included) 5refs.
Order from SLA: $1.60 as TT-65-11732

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TT-65-62636 Field 20C

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DISTRIBUTION OF THE PARTIAL PRESSURES OF NEGATIVE IONS IN THE POSITIVE COLUMN OF A LOW-PRESSURE DISCHARGE. 9 Jul 65, 12p, 4refs. FTD-TT-65-12; AD-618 044.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-618 044

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D. Fluid mechanics

NCH-200 788 Field 20D

Evgenev, A. E.
RELATIVE PHASE PERMEABILITIES IN THE CASE OF FLOW OR TWO-COMPONENT MIXTURES. 1965, 4p. ATS-10S83R.
Order from ATS: $7.50 as ATS-10S83R

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TT-65-62639 Field 20D, 21E

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EFFECT OF FLOW TWIST ON THE CHARACTERISTICS OF NOZZLE GRIDS. 7 Jul 65, 14p, 5refs. FTD-TT-65-686; AD-618 047.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-618 047

Unedited rough draft trans. of Teploenergetika (USSR) v11 n5 p54-7 1964.

E. Masers and lasers

TT-65-31073 Field 20E

Kotsev, K.
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Trans. from Otechestven Front (Bulgaria) 24 Mar p1-2 1965.

TT-65-62625 Field 20E, 20F

Basov, N. G.
SEMICONDUCTORS GENERATE LIGHT. 7 Jul 65, 6p. FTD-TT-65-337; AD-618 013.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-618 013

Unedited rough draft trans. from Pravda (USSR) 5 Jan p3 1964.

F. Optics

TT-65-62582 Field 20F

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A METHOD FOR MEASURING THE ENERGY OF SHORT-WAVE SOLAR RADIATION AND ALSO ARTIFICIAL RADIATION AT WAVELENGTHS SHORTER THAN 1350 A. 21 May 65, 6p. FTD-TT-65-466; AD-617 667.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-617 667

Unedited rough draft trans. of Patent (USSR) 161 506. Patent appl. no. 786445/26-10, 13 Jul 62.

TT-65-62616 Field 20F, 18B

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DEVICE FOR AUTOMATIC CHANGING OF THE MAGNETIC FIELD OF A MASS SPECTROMETER. 9 Jul 65, 6p. FTD-TT-65-491; AD-617 907.
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TT-65-62627 . Field 20F, 20G

Molchanov, V. A.; Telkovskii, V. G.
MASS MONOCHROMATOR WITH DOUBLE FOCUSING IN A MAGNETIC SECTOR FIELD. 13 Jul 65, 15p, 7refs. FTD-TT-65-697; AD-618 015.
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Unedited rough draft trans. of Moscow Univ. Vestnik. Seriya 1: Matematika, Mekhanika (USSR) v16 n1 p22-8 1961.

TT-65-62658 Field 20F, 12A

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APPLICATION OF PROBABILITY METHOD FOR

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Order from CFSTI or ETC: HC$2.00, MF$0.50 as AD-618 315.

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H. Particle physics

TT-65-27845 Field 20H

Liiri, O.
MATIERES PREMIERES DES PANNEAUX DE PARTICULES. Org. 100-1974; CNRS-G/X-1678.
Order from CNRS: as G/X-1678

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TT-65-31133 Field 20H

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CHEMICAL WORLD JPRS: 28,971

(Hua Hsueh Shih Chieh)

VOL. 19, NO. 10, 1964.

TRANSLATION OF COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY

No. 154

This serial publication contains summaries or translations (as indicated) of selected articles on the specific subjects reflected in the table of contents. Complete bibliographic information accompanies each article.

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(Sezd Vsesoyuznogo Fiziologicheskogo Obshchestva (no. 10) Erevan, 1964. Vol. 2. Tezisy Nauchnykh Soobshchenii, no. 2.)

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DIALECTICAL MATERIALISM AND PRESENT-DAY NATURAL SCIENCE
(Dialekticheskii Materializm i Sovremennoe Estestvoznanie).

MOSCOW, 1964.

Following is a complete translation of a Russian-language Collection of Articles of the All-Russian Seminar of Social Sciences Instructors on Philosophical Problems of Present-Day Natural Science entitled Dialekticheskiy Materializm i Sovremennoye Yestestvoznaniye (Dialectical Materialism and Present-Day Natural Science), edited by M. I. Vigdorovich, Publishing House of Moscow University, Moscow, 1964, pages 1-406.

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FTD-TT-65-320/1 + 2 + 4

JOURNAL OF MICROBIOLOGY
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VOL. 26 NO. 4, 1964.

TRANSLATIONS FROM MIKROBIOLOGICHNYY ZHURNAL
(Journal of Microbiology)

Vol XXVI, No 4, 1964

- USSR -

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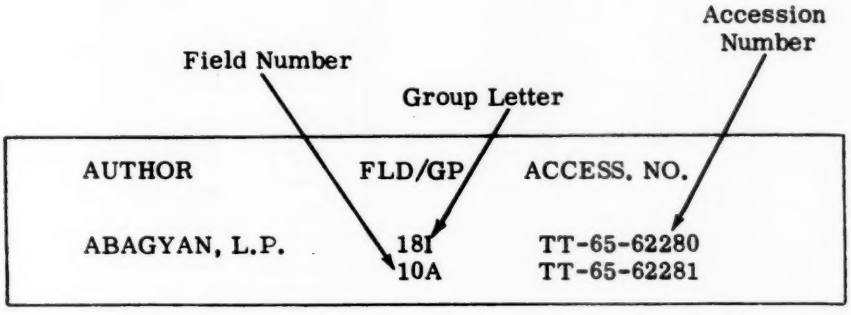

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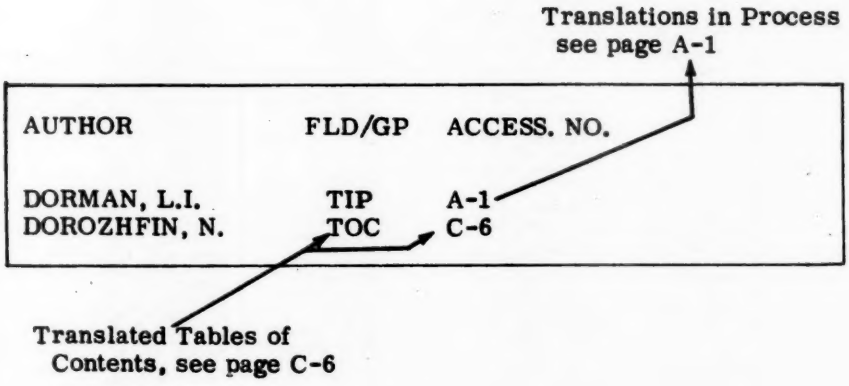

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ABDUKHALIKOV, F. A.	TOC	B-15
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ABDULLAEV, SH. N.	6E	TT-64-51613
ABDULLAEV, T. A.	TOC	B-13
ABDULLIN, R. A.	11H	TT-65-28414
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ABRAKHAM, S.	5G	TT-65-31108
ABYZBAEV, I. I.	8G	TT-65-28105
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ADOMONITE,G.	6E	TT-65-31304
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ADZHIGITOV, F. I.	6M	TT-65-31126
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AFANASEV, P. D.	11F	TT-65-31123
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AGADZHANYAN, N.	6S	TT-64-51542
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ALEKSANDRUK, V. M.	8G	NCH-200 778
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CEGCLEA, A.	21D	TT-65-27857
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CHALTYKYAN, O. A.	TIP	A-1
CHAPEK, A. V.	TOC	B-36
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CHEN YUNG-KANG	2D	TT-65-31387
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CHERNOYARSKII, A. N.	2C	TT-65-30505
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CHUCNOVSKII, A. F.	20L	TT-65-28479
CHUCNOVSKII, G. S.	TOC	B-37
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CHUMAKOVA, M. YA.	6M	TT-65-31126
CHUNAEVA, E. M.	TOC	B-37
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V64 N11 P1306-11 64	20L	TT-65-12064
COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS		
V28 N2 P320-30 1963	11I	TT-65-12093
V30 P34-9 1965	7C	NCH-200 484
DENPUNTO GIJUTSU KENKYU KAIHO (JAPAN)		
N27 P13-7 1963	6A	NCH-200 490
N27 P26-30 1963	6A	NCH-200 491
DENKI GAKKAI ZASSHI (JAPAN)		
N874 P1100-8 1961	9C	NCH-200 775
DEUTSCHER AUSSCHUSS FUR STAHLBETON. VEROFFETNLICHUNGEN (GERMANY)		
N118 P41-51 1954	7A	TT-65-11705
DIALEKTICHESKII MATERIALIZM I SOVREMENNOE ESTESTVOZNANIE, MOSCOW		
1964 P1-406	10C	B-41
	6D	TT-65-30253
DRAHT (WEST GERMANY)		
V15 N9 P632-5 1964	13H	TT-65-12155
DURZHAVEN VESTNIK (BULGARIA)		
N46 P1-2 JUN 11 1965	6R	TT-65-31469
EKONOMIA POPULLORE (ALBANIA)		
N1 P3-35 1965	5C	TT-65-31501
EKONOMICHESKAYA GAZETA (USSR)		
N1(178) P18-43 1965	13I	TT-65-30316
N10(187) P31 1965	13I	TT-65-31113
N12(189) P18 1965	13I	TT-65-31613
N13(190) P19 1965	2C	TT-65-31216
N25(150) P31 1964	2B	TT-64-41177
N30(155) P5 1964	13I	TT-64-51016
N36(161) P15-16 1964	11F	TT-64-51683
N4(129) P16 1964	11F	TT-65-30588
N4(181) P31-2 1965	2C	TT-65-31216
N45(170) P14 1964	13F	TT-65-30291
N47(172) P18-19 1964	7A	TT-65-30326
N5(182) P10 1965	13I	TT-65-30997
N6(183) P37 1965	2C	TT-65-30469
EKONOMIKA SELSKOGO KHOZYAISTVA (USSR)		
V36 N4 P1-9 APR 1965	2B	TT-65-31393
EKSPERIMENTALNAYA KHIRURGIYA I ANESTEZIOLOGIYA)USSR(		
V8 N2 P57-64 1963	6M	TT-65-62554
ELEKTRICHESKAYA I TEPLOVOZNAYA TYAGA (USSR)		
V8 N10 P7-8 1964	9A	TT-65-28564
ELEKTRICHESTVO (USSR)		
N10 P89-96 OCT 1964	5B	TT-65-30964
N5 P67-70 1958	9C	TT-65-12014
N7 P39-49 1963	9C	TT-65-28397
N8 P67-70 1964	20C	TT-65-11732
ELEKTRONNYE PRIBORY DLYA FIZIOLOGICHESKIKH ISSLEDOVANII, MOSCOW LENINGRAD		
1964 P3-40	6P	TT-64-51945
ELEKTROSVYAZ (USSR)		
V18 N2-11 1964	TOC	B-50
ELEKTROTECHNIKA (HUNGARY)		
V57 N1/2 P15-26 1964	13I	TT-64-41357
V58 N5 P216-7 1965	13F	TT-65-31571
ELEKTROTEKHNIKA (USSR)		
V35 N7 P1-10 1964	9B	TT-64-51942
ENDOKRYNOLOGIA POLSKA		
V15 N3/4 1964	TOC	B-49
	6E	TT-64-11408
ENERGETIKA I ELEKTROTEKHNICHESKAYA PROMYSHLENNOST (USSR)		
N4 P3-6 OCT/DEC 1964	9C	TT-65-30484
ENERGOKHOZYAISTVO ZA RUBEZHOM (USSR)		
N2 P36-48 1965	10A	TT-65-31478
ENERGOMASHINOSTROENIE (USSR)		
V10 N12 P45-6 1964	9C	TT-65-30484
V11 N2 P14-7 1965	21G	TT-65-62593
V9 N8 P14-7 1963	21E	TT-65-62592
ERDOEL UND KOHLE-ERDGAS-PETROCHEMIE (WEST GERMANY)		
V11 N10 P705-8 1958	7C	TT-65-11983
V12 N3 P140-4 1959	8I	TT-65-11962
V13 N3 P160-3 1960	7C	TT-65-11839
V15 N9 P699-702 1962	7C	TT-65-11932
ETZ ELEKTROTECHNISCHE ZEITSCHRIFT. AUSGABE B. DER ELEKTROTECHNIKER (WEST GERMANY)		
V9 N6 P245-7 1957	13H	TT-65-12018
FARMAKOLOGIYA I TOKSIKOLOGIYA (USSR)		
V27 N3 P343-5 1964	6T	TT-65-31105
FASERFORSCHUNG UND TEXTILTECHNIK (EAST GERMANY)		
V14 N4 P131-40 1963	11E	TT-65-12087
V15 N12 P590-7 1964	11E	NCH-200 470
V15 P533-7 1964	11E	NCH-200 469
FEMIPARI KUTATO INTEZET KOZLEMENYEI (HUNGARY)		
N5 P107-13 1961	11B	TT-65-28449
N5 P317-26 1961	7D	TT-65-28416
N5 P75-88 1961	7A	TT-65-28407
N5 P99-105 1961	7A	TT-65-28453
FIZICHESKIE METODY ISSLEDOVANIYA (SIC) (USSR)		
V21 N6 P678-92 1955	11F	NCH-201 066
FIZIKA METALLOV I METALLOVEDENIE (USSR)		
V17 N6 P877-80 1964	11F	TT-65-12024
FIZIKA TVERDOGO TELA (USSR)		
V4 N5 P1270-3 1962	20L	TT-65-28480
FIZIOLOGICHESKII ZHURNAL SSSR		
V50 N4 P514-19 1964	6B	TT-65-31510
V51 N2 P275-7 1965	6P	TT-65-30693
FIZIOLOGICHNYI ZHURNAL (USSR)		
V10 N5 P609-14 1964	6C	TT-65-31106
V10 N5 P689-94 1964	6P	TT-65-31626
GAZETA MATEMATICA (RUMANIA)		
V69 N8 P291-7 1964	20K	TT-64-51928
GAZOVAYA PROMYSHLENNOST (USSR)		
V7 N1 P20-3 1962	11H	TT-65-28452
V9 N12 P7-9 1964	8G	NCH-200 786
GEDISNJI PREGLED PRIVREDE ZA 1964, PT. 2, BELGRADE		
1965 P XXXV-LXI	5C	TT-65-31611
GEOKHIMIYA (USSR)		
N4 P271-6 1957	8G	TT-65-28462
GEOLOGIYA NEFTI I GAZA (USSR)		
V8 N11 P26-30 1964	8G	NCH-200 784
GIGIENA I SANITARIYA (USSR)		
V24 N3 P78-9 1959	13B	TT-65-27889
GIGIENICHESKIE VOPROSY V PROEKTIROVANII EDINYKH GOSHKOLNYKH UCHREZHDENII, MOSCOW		
1964 P3-18, 158-69	5K	TT-65-30067
HELVETICA CHIMICA ACTA (SWITZERLAND)		
V15 P619-34 1932	7C	TT-65-11926
V47 N8 P2279-88 1964	7C	NCH-200 473
HIRADASTECHNIKA (HUNGARY)		
V16 N5 P156-7 1965	14C	TT-65-31509
HUA HSUEH SHIH CHIEH (CHINESE PEOPLE'S REPUBLIC)		
V19 N10 SEL PG 1964	TOC	B-8
	6A	TT-65-30428
HUA HSUEH TUNG PAO (CHINESE PEOPLES REPUBLIC)		
N5 P293-301 1963	7C	TT-65-62630
HUTNICKE LISTY (CZECHOSLOVAKIA)		
V19 N5 P311-8 1964	13H	NCH-201 078
HUTNIK (POLAND)		
N7/8 P236-45 1963	11H	TT-65-27853
INSTITUT KHIMICHESKOGO MASHINOSTROENIYA. TRUDY (USSR)		
V25 P172-80 1963	12B	TT-65-62573
INZHENERNO-FIZICHESKII ZHURNAL (USSR)		
V4 N6 P106-11 1961	11	TT-65-28420
V6 N2 P60-8 1963	7D	TT-65-28423
INZHENERNO-SPASATELNYE RABOTY V OCHAGE YADERNOGO PORAZHENIYA, MOSCOW		
1965 P1-151	18C	TT-65-31512
INZHENERNOFIZICHESKII ZHURNAL (USSR)		
V6 N12 P3-10 1963	20M	TT-65-62650
INZHENEROTEKHNICHESKII SPRAVOCHNIK PO ELEKTROSVYAZI TELEGRAFIYA, N. P.		
1963 SEL PG	17B	TT-65-62647
ISKUSSTVENNOE KROVCOBRASHCHENIE, MOSCOW		
1964 P3-12 282-3	6E	TT-65-30754
ISSLEDOVANIE GEOFIZICHESKIKH YAVLENII ELEKTROMAGNITNOGO KOMPLEKSA V VYSCKIKH SHIROTAKH		
1964 P29-38	8N	TT-65-62597
ISSLEDOVANIYA PO ZHAROPROCHNYM SPLAVAM (USSR)		
V10 P27-31 1963	11F	TT-65-62631
IZVESTIYA (USSR)		
13 MAR P3 1965	11F	TT-65-31058
14 APR P3 1965	5C	TT-65-31049
16 JAN P3 1965	5A	TT-65-30393
17 NOV P5 1964	7A	TT-65-30369
20 JAN P3 1965	5A	TT-65-30393
21 NOV P4 1964	7A	TT-65-30369
22 JAN P3 1965	6E	TT-65-30394
25 DEC P3 1964	13I	TT-65-30692
27 MAY P3 1965	5I	TT-65-31427
4 APR P2 1965	11F	TT-65-31134
6 FEB P3 1965	5A	TT-65-30393
6 SEP P4 1964	5A	TT-64-51689
9 DEC P3 1964	6L	TT-65-31224
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. AVIATSIONNAYA TEKHNIKA (USSR)		
N4 P101-8 1958	21E	TT-65-62576
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. CHERNAYA METALLURGIYA (USSR)		
V6 N8 P82-4 1963	11F	TT-65-28400
V6 N8 P93-101 1963	11F	TT-65-28401
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. FIZIKA (USSR)		
N2 P173-5 1964	20L	TT-65-62591
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. GEODEZIYA I AEROFOTOSEMKA (USSR)		
N1 P81-90 JAN 1965	8E	TT-65-31489
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. GORNYI ZHURNAL (USSR)		
V6 N1 P83-5 1963	7A	TT-65-28459
V6 N1 P86-93 1963	7A	TT-65-28457
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. MASHINOSTROENIE (USSR)		
N3 P119-32 MAR 1965	11F	TT-65-31123

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IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. MATEMATIKA (USSR)		
NL(2) P161-73 1958	12A	NCH-201 631
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. NEFT I GAZ (USSR)		
V6 N4 P19-24 1963	13I	NCH-200 766
V7 N12 P14-26 1964	8G	NCH-200 787
V7 N3 P31-6 1964	8	TT-65-28104
V8 N1 P83-6 1965	20D	NCH-200 788
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. RADIOFIZIKA (USSR)		
V6 N5 P877-88 1963	3B	TT-65-28386
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. TEKHNOLOGIYA TEKSTILNOI PROMYSHLENNOSTI (USSR)		
N2 P143-8 1963	11E	TT-65-28445
N2 P148-52 1963	11E	TT-65-28443
N2 P84-91 1963	11E	TT-65-28446
N2 P97-106 1963	11E	TT-65-28447
JEN MIN JIH PAO (CHINESE PEOPLES REPUBLIC)		
29 JUN P1 1964	13F	TT-64-41357
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V34 P551-68 1959	7C	TT-65-11969
KALENDAR PRIRODY, MOSCOW		
1964 SEL PG	8F	TT-65-30661
KAUTSCHUK AND GUMMI (WEST GERMANY)		
V15 N8 P251-4 1962	7A	TT-65-11924
KAUTSCHUK UND GUMMI (WEST GERMANY)		
V7 N8 P170-8WT 54	11J	TT-65-11948
KAUTSCHUK UND GUMMI (WEST GERMANY)		
V1 N9 P250-1 1948	11J	TT-65-11947
KAZAKHSTANSKAYA PRAVDA (USSR)		
17 DEC P2 1964	11F	TT-65-30621
20 DEC P2 1964	11F	TT-65-30621
26 MAR P2 1965	13I	TT-65-31113
30 JAN P1 1965	5C	TT-65-30877
5 MAR P2 1965	5C	TT-65-30877
KHIMICHESKAYA PROMISHLENNOST' (USSR)		
N3 P206-11 1965	7D	NCH-200 780
N9 P35-7 1963	7A	TT-65-11881
KHIMICHESKAYA NAUKA I PROMYSHLENNOST (USSR)		
V4 P281 1959	6E	NCH-200 449
KHIMICHESKOE MASHINOSTROENIE (USSR)		
V3 N5 P10-3 1961	7A	TT-65-62575
KHIMIYA I TEKHNOLOGIYA TOPLIV I MASEL (USSR)		
V4 N3 P64-68 1959	11H	TT-65-28475
V8 N11 P4-10 1963	7D	TT-65-11965
V9 N1 P1-7 1964	7A	NCH-200 781
V9 N1 P32-8 1964	11H	TT-65-62621
V9 N10 P44-8 1964	11H	TT-65-62634
V9 N3 P1-7 1964	7D	TT-65-11964
V9 N4 SEL PG 1964	21D	TT-65-62637
V9 N6 P5-10 1964	21D	TT-65-27894
V9 N7 P24-8 1964	21D	TT-65-27896
V9 N7 P34-5 1964	7A	TT-65-27898
V9 N8 P9-13 1964	7A	TT-65-27895
KHLEBOPEKARNAYA KONDITERSKAYA PROMYSHLENNOST (USSR)		
V5 N11 P5-9 1961	6H	TT-65-27893
KINETIKA I KATALIZ (USSR)		
V5 N3 P388-98 1964	21D	TT-65-28881
KLINICHESKAYA MEDITSINA (USSR)		
V43 N4 P124-6 1965	6E	TT-65-31127
KOBUNSHI KAGAKU (JAPAN)		
N238 P128-34 1965	7C	NCH-200 769
N238 P97-102 1965	8C	NCH-200 771
KOGYO KAGAKU ZASSHI (JAPAN)		
V58 P805-6 1955	7A	NCH-200 483
V65 P1926-30 1962	7D	TT-65-27850
V67 P576-8 1964	7C	TT-65-11934
V68 N2 P283-6 1965	7A	NCH-200 770
KOLLOIDNYI ZHURNAL (USSR)		
V26 N2 P207-14 1964	7D	TT-65-62644
KOMMUNIST TADZHIKISTANA (USSR)		
16 JUL P2 1964	5C	TT-64-51012
KOMMUNIST, MOSCOW (USSR)		
V41 N10 P64-73 1964	10B	TT-64-51694
KOMSOMOLSKAYA PRAVDA (USSR)		
1 OCT P2 1964	13F	TT-65-30397
12 DEC P2 1964	13I	TT-65-30692
KOMUNIST UKRAINY (USSR)		
V39 N11 P10-8 1964	13I	TT-65-30325
KRYLYA RODINY (USSR)		
V11 N7 P17-8 1960	1C	TT-65-62622
KUANG MING JIH PAO (CHINESE PEOPLE,S REPUBLIC)		
4 JUN P4 1965	8G	TT-65-31336
KUNG JEN JIH PAO (CHINESE PEOPLES REPUBLIC)		
24 JUN P1 1964	13F	TT-64-41357
KUNSTSTOFFE (WEST GERMANY)		
V47 N8 P510-2 1957	13H	TT-65-11967
V49 N2 P50-5 1959	11I	TT-65-11968
V49 N4 P166-8 1959	13H	TT-65-11966
KUPROKATALIZ, EREVAN, 1963	TIP	A-1
LECHEBNOE PRIMENENIE RADIOAKTIVNYKH ISOTOPOV MOSCOW		
1964 P3 44-6 166	18B	TT-65-30711
LENINSKOE ZNAMYA (USSR)		
20 DEC P2 1964	2C	TT-65-30609
LESNOE KHOZYAISTVO (USSR)		
V16 N2 P58-9 1963	6C	TT-65-27869
V16 N9 P50 1963	6C	TT-65-27870
LUCHEVYE PORASHENIYA I VOSSTANOVITELNYE PROTSESSY V TSENTRALNOI NERVNOI SISTEME, LENINGRAC		
1964 SEL PG	6R	TT-65-30589
MAGNITNAYA GIDRODINAMIKA, VI, RIGA		
1965 P154-6	20I	TT-65-31425
MAGYAR KEMIKUSOK LAPJA (HUNGARY)		
N10/11 SEL PG 1964	7A	TT-65-30046
MAKROMOLEKULARE CHEMIE (SWITZERLAND)		
V18/19 P322-41 1956	7A	TT-65-11635
MASSOVAYA RADIO BIBLIOTEKA (USSR)		
V536 P3-40 1964	6P	TT-64-51945
MATERIE PLASTICHE)ITALY(		
V30 N2 P190-4 1964	11I	NCH-200 454
MEDITSINSKAYA PARAZITOLOGIYA I PARAZITARNYE BOLEZNI (USSR)		
V18 N5 P46-51 1964	6D	TT-65-31459
V18 N7 P3-9 JUL 1964	6L	TT-65-31507
V33 N6 P711-7 1964	6C	TT-65-30697
V33 N6 P731-5 1964	6E	TT-65-30698
V34 N2 P169-76 1965	6D	TT-65-31439
V34 N2 P189-94 1965	6E	TT-65-31430
MEDITSINSKAYA PROMYSHLENNOST SSSR		
V19 N1 P7-16 1965	11I	TT-65-31101
MEDITSINSKAYA GAZETA (USSR)		
V27 N75 P3 1964	6S	TT-64-51542
V27 N80 P- 1964	6S	TT-64-51542
V27 P2 DEC 22 1964	6E	TT-65-30394
V27 20 NOV P2 1964	6L	TT-65-31224
V27 29 SEP P2 1964	6L	TT-65-31224
V28 P1 MAY 28 1965	5I	TT-65-31427
V28 P1-2 JAN 5 1965	5A	TT-65-30763
MEKHANIZATSIYA I AVTOMATIZATSIYA PROIZVODSTVA (USSR)		
V18 N11 P14-9 1964	2C	TT-65-30650
V18 N11 P42-5 1964	13F	TT-65-30429
V18 N9 P47-56 1964	13I	TT-65-30290
MEKHANIZATSIYA I ELEKTRIFIKATSIYA SOTSIALISTICHESKOGO SELSKOGO KHOZYAISTVA (USSR)		
V17 N3 P45-9 1959	-2C	TT-65-27883
V19 N5 P41-4 1961	20L	TT-65-28479
MEKHANIZMY KOMPENSATORNYKH PRISPOSOBLENII, MOSCOW		
1964 P50-61	6E	TT-64-51935
MEKHANIZMY OBSHCHIKH CSLOZHNENII TERMICHESKIKH TRAVM, KIEV		
1963 P259-76	6E	TT-65-30683
METALLURG (USSR)		
V10 N3 P1-2 1965	11F	TT-65-31238
METEOROLOGIYA I GIDROLOGIYA (USSR)		
N10 P22-7 OCT 1964	4B	TT-64-51918
N4 P3-8 1964	18H	TT-65-62620
MEZHDUNARODNOE AGENTSTVO PO ATOMNOI ENERGII. KONFERENTSIYA PO TEKHNOLOGII NOVYKH		
YADERNYKH MATERIALOV, VKLYUCHAYA NEMETALLICHESKIE TOPLIVNYE ELEMENTY, PRAGUE 1-5 JUL 63. TRUDY		
P183-99 1963	11F	TT-65-28101
MEZOGAZDASAGI ERTESITO (HUNGARY)		
V13 N6 SEL PG 1962	6-	TT-65-28106
MIKROBIOLOGICHNYI ZHURNAL (USSR)		
V26 N4 SEL PG 1964	TOC	8-45 6M TT-64-51720
MOSCOW UNIV. VESTNIK. SERIYA MATEMATIKI, MEKHANIKI, ASTRONOMII, FIZIKI, KHIMII (USSR)		
V14 N1 P105-8 1959	4A	TT-65-62648
MOSCOW UNIV. VESTNIK. SERIYA 1 MATEMATIKA, MEKHANIKA (USSR)		
V16 N1 P22-8 1961	20F	TT-65-62627
MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. BYULLETEN. OTDEL GEOLOGICHESKII (USSR)		
V23 N6 P3-10 1948	8G	TT-65-28490
V29 N1 P60-6 1964	8G	TT-65-28488
NAFTA (POLAND)		
N8 P219-22 1964	8I	TT-64-51641
V20 N8 P219-22 1964	8I	TT-64-51641
NARODNOE KHOZYAISTVO KAZAKHSTANA (USSR)		
V23 N1 P16-7 1965	11F	TT-65-31238
NATURA SERIA GEOGRAFIA-GEOLOGIE		
V17 N3 P10-4 1965	8F	TT-65-31482
NAUCHNO-ISSLEDOVATELSKII INSTITUT AEROKLIMATOLOGII, LENINGRAC. TRUDY (USSR)		
N28 P3-27 1964	4B	TT-65-31309
NAUCHNO-ISSLEDOVATELSKII INSTITUT GIDRO-METEOROLOGICHESKOGO PRIBOROSTROENIYA. TRUDY (USSR)		
V12 P84-8 1964	4B	TT-65-31184
NAUCHNO-ISSLEDOVATELSKII INSTITUT PO BEZOPASNOSTI RABOT V GORNOI PROMYSHLENNOSTI. TRUDY. (USSR)		
V14 P22-6 1963	8G	TT-65-28137
NAUCHNO-ISSLEDOVATELSKII INSTITUT POSTOYANNOGO TOKA. IZVESTIYA (USSR)		
V2 P112-27 1957	9C	TT-65-28418
V3 P143-60 1958	9C	TT-65-28417
V5 P101-26 1960	9C	TT-65-28399
V5 P64-79 1960	9C	TT-65-28448
V5 P80-100 1960	9C	TT-65-28382
NAUCHNO-TEKHNICHESKAYA INFORMATSIYA (USSR)		
N1 P48-53 1965	5B	TT-65-30742
N11 P13-9 1964	5B	TT-65-30984
N8 P6-9 1964	5B	TT-65-31102
NAUCHNO-TEKHNICHESKIE OBSHCHESTVA SSSR		
V6 N8 P18-21 1964	5I	TT-65-30548
V7 N1 P25-9 JAN 1965	13G	TT-65-30660
V7 N2 P52-5 1965	5A	TT-65-31348
NAUCHNYE DOKLADY VYSSHEI SHKOLY. FILOSOFSKIE NAUKI (USSR)		
N1 P22-5 1965	8A	TT-65-30786
N3 P40-7 1965	6D	TT-65-31622
V8 N1 P3-7 1965	5B	TT-65-30606
NAUKA I TEKHNIKA (LATVIAN SSR)		
N2 P12-3 FEB 1965	13F	TT-65-31612
NAUKA I ZHIZN (USSR)		
V31 N10 P18-21 1964	2C	TT-65-30695
V32 N2 P80-5 1965	20H	TT-65-31133
V32 N5 P25-31 1965	6T	TT-65-31475
NAUNYN-SCHMIEDEBERG,S ARCHIV FUER EXPERIMENTELLE PATHOLOGIE UND PHARMAKOLOGIE)WEST(GERMANY(		
V205 P382-6 1947	6T	NCH-200 492
NEFTEKHIMIYA (USSR)		
V4 N3 P510-7 1964	11H	TT-65-62633
NEFTYANOE KHOZYAISTVO (USSR)		
V40 N3 P62-5 1962	11H	TT-65-28434

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V40 N6 P43-7 1962	11H	TT-65-28435
V41 N3 P26-31 1963	8G	TT-65-28415
V41 N4 P67-9 1963	11H	TT-65-28414
V41 N6 P31-5 1963	8G	TT-65-28105
NEUER WEG (RUMANIA)		
V16 N4697 JUN 9 1964	13I	TT-64-41357
NIHON GENSHIRYOKU GAKKAISHI (JAPAN)		
V3 P868-73 1961	18B	TT-65-27849
V3 P918-22 1961	18B	TT-65-27852
NIHON KAGAKU ZASSHI (JAPAN)		
V82 P1042-5 1961	11F	TT-65-27851
NOVA MYSL (CZECHOSLOVAKIA)		
N4 P434-44 APR 1965	5A	TT-65-30996
OBMEN PEREDOVYM OPYTOM. SERIYA PRIBORY I ELEMENTY AVTOMATIKI (USSR)		
N1 22P 1964	TIP	A-1
OGNEUPORY (USSR)		
V27 N12 P533-9 1962	11B	TT-65-28456
V27 N12 P552-4 1962	11B	TT-65-28419
V29 N10 P1-2 1964	5B	TT-65-30964
V30 N1 P47 JAN 1965	11F	TT-65-30774
V30 N3 P1-6 1965	11F	TT-65-31134
OKEANOLOGIYA (USSR)		
V4 N6 P1026-9 1964	18H	TT-65-30241
OPYT EKSPERIMENTAL'NOGO ANALIZA INFEKTSIONNOGO PROTSESSA, LENINGRAD 1963 3-20 184-203	6E	TT-64-51825
OSNOVANIYA, FUNDAMENTY I MEKHANIKA GRUNTOV (USSR)		
V4 N1 P23-5 1962	13B	TT-65-28390
OTAZKY MARXISTICKEJ FILOZOFIE. (CZECHOSLOVAKIA)		
N2 P167-86 1965	5G	TT-65-31442
OTECHESTVEN FRONT (BULGARIA)		
24 MAR P1-2 1965	20E	TT-65-31073
PATENT (AUSTRIA)		
200 712	11E	TT-65-11921
223 668	9B	TT-65-11901
48 984	13H	TT-65-12025
PATENT (BELGIUM)		
560 986	11I	TT-65-11898
611 273	7C	TT-65-12059
612 832	2E	TT-65-11986
620 364	7D	TT-65-12178
622 220	11B	TT-65-11991
628 933	11B	TT-65-11990
629 240	11I	TT-65-12050
632 439	11E	TT-65-11916
634 605	13H	TT-65-11917
634 890	7D	TT-65-12179
636 217	7A	TT-65-11989
636 443	7A	TT-65-12177
644 615	6D	TT-65-11782
647 140	7A	TT-65-12060
PATENT (CZECHOSLOVAKIA)		
85 465	7B	TT-65-12033
PATENT (FRANCE)		
1 183 538	11I	NCH-200 489
1 242 380	13G	TT-65-11887
1 244 449	13K	TT-65-11883
1 256 764	11B	TT-65-11897
1 256 765	11B	TT-65-11895
1 256 766	11B	TT-65-11894
1 261 704	9C	TT-65-11889
1 325 888	7D	TT-65-11886
1 332 815	11I	TT-65-11914
1 332 816	11I	TT-65-11915
1 334 263	7D	TT-65-11885
1 338 380	7A	TT-65-11905
1 338 618	11E	TT-65-11910
1 341 068	7A	TT-65-11890
1 344 042	11E	TT-65-11913
1 346 111	11I	TT-65-11912
1 347 473	11I	TT-65-11911
1 353 230	11I	TT-65-11892
PATENT (GERMANY)		
1 010 951	21D	TT-65-11906
1 033 406	11I	TT-65-11903
1 059 688	7A	NCH-200 488
1 072 918	6H	NCH-200 495
1 114 330	7A	TT-65-11900
1 115 891	11B	TT-65-11896
1 144 580	11L	TT-65-11907
1 159 630	11I	TT-65-11908
1 162 433	7D	TT-65-11888
1 164 675	11F	TT-65-11893
1 167 149	11F	TT-65-11933
1 175 213	7C	NCH-200 477
1 182 649	7C	NCH-200 478
102 241	11F	TT-65-12051
129 281	11E	TT-65-12027
337 672	11E	TT-65-11909
411 950	7A	TT-65-12026
420 035	11F	TT-65-12052
526 626	11F	TT-65-12032
665 791	7C	TT-65-12054
731 030	7C	TT-65-12053
746 708	11E	TT-65-11904
971 098	7A	NCH-200 487
PATENT (JAPAN) PUB. 38-26 943	6M	NCH-200 354
	6A	TT-65-27632
38-5848	6F	NCH-200 353
39-6808	11I	TT-65-11891
PATENT (SWITZERLAND) 228 931	7C	TT-65-11902
PATENT (USSR)		
122 742	7A	TT-65-11882
136 556	11D	TT-65-62632
141 298	11I	TT-65-11899
147 730	7A	TT-65-11919
149 356	11I	TT-65-11918
154 001	13H	TT-65-11920
156 713	20F	TT-65-62616
159 206	9E	TT-65-62649
161 506	20F	TT-65-62582
PATOLOGICHESKAYA FIZIOLOGIYA I EKSPERIMENTALNAYA TERAPIYA (USSR)		
V9 N2 P84-6 1965	6E	TT-65-31583
PETROL SI GAZE (RUMANIA)		
V15 N4 P182-8 1964	21D	TT-65-27857
V15 N6 P287-94 1964	21D	TT-65-27857
V15 N6 P306-8 1964	11I	TT-65-27856
PHOTOGRAPHISCHE KORRESPONDENZ (AUSTRIA)		
V100 N3 P39-45 1964	14E	TT-65-11944
PHYSICA STATUS SOLIDI (GERMANY)		
V6 N1 P185-205 1964	20L	TT-65-27884
PLANOVOE KHOZYAISTVO (USSR)		
V42 N4 SEL PG 1965	5A	TT-65-31441
PLASTE UND KAUTSCHUK (EAST GERMANY)		
V11 N10 P624-7 1964	11J	NCH-200 474
PLASTICHESKIE MASSY (USSR)		
N1 P23-7 1965	11I	NCH-200 790
N10 P57-60 1962	20K	TT-65-28481
N7 P21-3 1964	11I	NCH-200 482
N7 P65-6 1964	13I	TT-65-62642
PNEVMO-I GIDROAVTOMATIKA, MOSCOW		
1964 264P	13G	TT-65-62645
1964, 264P	TOC	B-46
PO RETSEPTAM PRIRODY, MOSCOW 1965 P1-32	6D	TT-65-30605
POCHVOVEDENIE (USSR)		
N1 P56-64 1960	8G	TT-65-28468
N1 P64-71 1960	8G	TT-65-28474
N4 P81-90 1960	8G	TT-65-28470
N8 P84-93 1958	8G	TT-65-28487
POLITEKHNICHESKII INSTITUT, LENINGRAD. TRUDY (USSR)		
N192 P43FF 1958	20K	TT-65-28424
N210 P213-9 1960	20K	TT-65-28426
POLUPROVODNIKOVYE TERMOSOPROTIVLENIYA V AVTOMATIKE, KIEV 1962 P1-254	9A	TT-65-62640
PRAVDA (USSR) 5 JAN P3 1964	20E	TT-65-62625
PRAVDA UKRAINY (USSR)		
14 JUN P2 1964	7A	TT-64-51687
19 DEC P2 1964	11F	TT-65-30621
26 JAN P2 1965	11F	TT-65-30657
PRAVDA VOSTOKA (USSR)		
11 DEC P3 1964	2C	TT-65-30695
17 NOV P2 1964	7A	TT-65-30369
PRAVDA, LENINGRAD (USSR)		
13 DEC P1 1964	13I	TT-65-30325
14 JAN P1 1965	5C	TT-65-31049
16 JAN P2 1965	11F	TT-65-30802
25 MAR P2 1965	5C	TT-65-31049
PRAVDA, MOSCOW (USSR)		
10 SEP P1 1964	5A	TT-65-30128
12 SEP P3 1964	5A	TT-65-30128
13 JUL P1 1965	5D	TT-65-31628
14 JUL P1 1965	5D	TT-65-31628
16 OCT P5 1964	5C	TT-64-51952
18 APR 1965	18	TT-65-62623
24 JAN P2	2C	TT-65-30556
30 JUN P1 1965	13C	TT-65-31429
6 JUL P1	2B	TT-65-31513
7 JUL P1 1965	2B	TT-65-31513
PRESSE (AUSTRIA) N5148 P3 JUN 16 1965	5D	TT-65-31401
PRESSE-INFORMATIONEN (SIC) (EAST GERMANY) N61 P2/3 1965	13J	TT-65-31397
PRIBOROSTROENIE (USSR) N7 P1-2 1963	13I	TT-65-28412
PRIBORY I TEKHNIKA EKSPERIMENTA (USSR)		
V9 N1 SEL PG 1964	TOC	B-44
	14B	TT-65-62617
PRIKLADNAYA MATEMATIKA I MEKHANIKA (USSR)		
V15 N2 P227-36 1951	20K	TT-65-62651
V17 N4 P389-400 1953	20K	TT-65-62652
PRILIVNYE ELEKTROSTANTSII V SOVREMENNOI ENERGETIKE, MOSCOW/LENINGRAD 1961 270P	10A	TT-64-11028
PRIRODA (BULGARIA)		
V13 N4 P12-16 1964	6C	TT-64-51573
PRIRODA (USSR)		
V52 N11 P97-9 1963	8B	TT-64-51688
V53 N7 P9-12 1964	11F	TT-64-51683
V54 N3 P16-24 1965	6E	TT-65-31383
PROBLEMA DOLGOLETIYA V SIBIRI I NA DALNEM VOSTOKE, NOVOSIBIRSK 1963 P1-79	6P	TT-64-51563
PROBLEMY ENDOKRINOLOGII I GORMONOTERAPII (USSR)		
V11 N2 P106-14 1965	6A	TT-65-31369
PROBLEMY METALLOVEDENIYA I FIZIKA METALLOV (USSR)		
V4 P228-38 1955	11F	TT-65-28394
V4 P321-38 1955	11F	TT-65-28393
V5 N4 P434-61 1958	11F	TT-65-28411
PROBLEMY PEREDACHI INFORMATSII (USSR)		
N15 P77-9 1963	5J	TT-65-62571
PRZEGLAD ELEKTROTECHNICZNY (POLAND)		
V40 N1 P8-17 1964	9C	TT-65-27855
PRZEGLAD ODLEWNICTWA (POLAND)		
V14 N2 P51-6 1964	11F	TT-65-27854
RABOCHAYA GAZETA (USSR)		
12 JUL P3 1964	7A	TT-64-51687
16 AUG P1 1964	7A	TT-64-51687
21 APR P1 1965	2C	TT-65-31135
RADEX RUNDSCHAU (AUSTRIA) P468-74 1965	13H	NCH-201 629
RADIO, MOSCOW (USSR)		
N3 P10-1 MAR 1965	6E	TT-65-31390
RADIOTEKHNIKA (USSR)		
V19 N2-11 1964	TOC	B-50
RAKETNYE DVIGATELI TVERDOGO TOPLIVA, MOSCOW 1963 96P	21H	TT-65-62579
RAZVEDKA I OKHRANA NEDR (USSR)		
N5 P32-45 MAY 1965	8G	TT-65-31422
V28 N9 P41-45 1962	8G	NCH-200 767
V30 N10 P39-42 1964	8G	TT-64-51902
V31 N5 P32-45 1965	8G	TT-65-31422
RAZVEDOCHNAYA I PROMYSLOVYA GEOFIZIKA (USSR)		
V45 P64-73 1962	8G	TT-65-28519
RECH, ARTIKULYATSIYA, I VOSPRIYATIE, MOSCOW/LENINGRAD 1965 P1-241	5J	TT-65-31233
RECUEIL DES TRAVAUX CHIMIQUES DES PAYS-BAS (NETHERLANDS)		
V49 P475-85 1929	7C	NCH-200 479
REFERATIVNYI ZHURNAL. KIBERNETIKA (USSR)		
N3 SECTS 1-2 1964	12A	TT-65-20854
REGULYATSIYA ZHIZHENNYKH FUNKTSII I KIBERNETIKA, KIEV 1964 P2-115	6D	TT-65-30607
REVISTA DE CHIMIE (RUMANIA)		
V13 N1 P46-8 1962	7C	TT-65-27858
REVUE DE METALLURGIE (FRANCE)		
V59 P651-60 1962	11F	NCH-201 628
V61 P781-9 SEP 1964	13H	NCH-201 076
REVUE UNIVERSELLE DES MINES (FRANCE)		
P233-41 AUG 1964	11F	NCH-201 080
ROCZNIKI CHEMII (POLAND)		
V36 N10 P1543-4 1962	7B	TT-65-28405
V37 N11 P1533-7 1963	7D	TT-65-28383
V37 P1525-30 1963	7D	TT-65-28384
V38 N1 P35-42 1964	7C	NCH-200 471

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V38 N1 P43-6 1964	7C	NCH-200 472
RUKOVODSTVO PO IZUCHENIYU PITANIYA I ZDOROVYA NASELENIYA, MOSCOW 1964 SEL PG	6P	TT-65-30175
RYBNOE KHOZYAISTVO (USSR) V41 N2 P25-7 1965	17A	TT-65-31183
SCHIFFBAUTECHNIK (EAST GERMANY) V15 N5 SEL PG 1965	13J	TT-65-31397
SELSKAYA GAZETA, MOSCOW (USSR) 2 FEB P1 1965	2C	TT-65-30469
7 FEB P2 1965	2C	TT-65-30469
SELSKAYA ZHIZN (USSR) 17 APR P2 1965	2C	TT-65-31135
8 JAN P2 1965	2C	TT-65-30556
SEMINAR NEKOTORYE PROBLEMY BIOKIBERNETIKI I PRIMENENIE ELEKTRONIKI V BIOLOGII I MEDITSINE KIEV 1964 P3-33	6D	TT-65-30654
SEZD VSESOYUZNOGO FIZIOLOGICHESKOGO OBSHCHESTVA (NO. 10) EREVAN, 1964. TEZISY NAUCHNYKH SOOBSHCHENII V2 N2 P1-440 1964	TOC	B-9
	6E	TT-65-62518
SLUZBENI LIST, BELGRADE (YUGOSLAVIA) V21 N5 P97-9 1965	5A	TT-65-30656
SOCIETE CHIMIQUE DE FRANCE, BULLETIN V12 P120-4 1945	7C	TT-65-11955
SOVETSKAYA BELORUSSIYA (USSR) 1 JUL P3 1964	14B	TT-65-62596
SOVETSKAYA MEDITSINA (USSR) V27 N1 P66-71 1964	6E	TT-65-62618
V28 N8 P88-92 1964	6E	TT-65-31504
SOVETSKAYA ROSSIYA (USSR) 1 JUN P1 1965	2B	TT-65-31393
17 JAN P2 1965	13F	TT-65-30270
25 FEB P1 1965	11F	TT-65-30802
5 DEC P1 1964	13F	TT-65-30270
SOVETSKII VCIN (USSR) V47 N6 SEL PG 1965	6S	TT-65-31354
SOVETSKOE GOSUDARSTVO I PRAVO (USSR) V35 N4 P90-101 1965	5A	TT-65-31299
SOVETSKOE ZDRAVOOKHRANENIE (USSR) V24 N5 P26-30 1965	6E	TT-65-31411
SPECTROCHIMICA ACTA (ENGLAND) V20 P1815-28 1964	7C	NCH-200 481
STAHL UND EISEN (WEST GERMANY) V84 N11 P685-92 1964	11F	NCH-201 075
V84 N12 P718-22 1964	11F	TT-65-11961
STAL (USSR) V24 N1 P5-9 JAN 1964	11F	TT-65-30774
V25 N1 P1-4 JAN 1965	11F	TT-65-30774
STANKI I INSTRUMENT (USSR) V36 N4 P1/2 1965	13I	TT-65-31613
STARKE)WEST GERMANY(V16 351-9 1964	6A	NCH-200 450
STALB (WEST GERMANY) V25 N1 P15-21 1965	13B	NCH-201 630
STEKLO I KERAMIKA (USSR) V20 N11 P12-4 1963	8G	TT-65-28409
V20 N5 P22-5 1963	11B	TT-65-28436
STIINTA SI TEHNICA (RUMANIA) V17 N5 P6-7 1965	6E	TT-65-31396
STRCITELNAYA GAZETA (USSR) 11 DEC P2 1964	7A	TT-65-30489
16 DEC P1 1964	7A	TT-65-30489
STRCITELNYE MATERIALY (USSR) V8 N4 P31-4 1962	8G	TT-65-28484
V8 N6 P34-6 1962	11	TT-65-28483
V9 N1 P11-2 1963	11	TT-65-28413
V9 N8 P18-9 1963	11	TT-65-28406
SUDEBNO-MEDITSINSKAYA EKSPERTIZA (USSR) V7 N3 P31-2 1964	6E	TT-64-51375
SUDOSTROENIE (USSR) V31 N3 P15-7 1965	13A	TT-65-31614
SVENSKA LAEKARTIDNINGEN, N49 P3794-807 1964.	6E	NCH-201 241
SZPITALNICTWO POLSKIE V7 N1 P15-24 1963	6E	TT-65-28454
TEHNIKA (YUGOSLAVIA) V20 N5 P877-84 1965	8G	TT-65-31461
TEKHNOLOGICHESKAYA INSTRUKTSIYA PO PROIZVODSTVU CRAZHE-VAKTSINY PROTIV POLIOMIELITA, N. P. P1-5	6D	TT-65-30297
TEKSTILNAYA PROMYSHLENNOST (USSR) V23 N4 P46-9 1963	11E	TT-65-28451
TEORIYA I PRAKTIKA FIZICHESKOI KULTURY (USSR) V28 N4 P12-20 1965	6D	TT-65-31315
V28 N5 P22-30 1965	6D	TT-65-31315
TEPLOENERGETIKA (USSR) V10 N11 SEL PG 1963	TOC	B-43
	13A	TT-65-62656
V11 N5 P54-7 1964	20D	TT-65-62639
V7 N7 P32-4 JUL 1960	13A	TT-65-31209
V8 N9 1961	20M	TT-65-28485
V9 N11 P67-8 1962	11F	TT-65-28455
TERAPEVTICHESKII ARKHIV (USSR) V37 N4 P66-7 1965	6E	TT-65-31506
TETSU TO HAGANE (JAPAN) V49 N9 P1163-75 1963	8G	TT-65-27848
TI CHIU WU LI HSUEH PAO (CHINESE PEOPLE,S REPUBLIC) V13 N3 P234-42 1964	8G	TT-65-31336
TITAN I EGO SPLAVY (USSR) V6 P221-9 1961	11F	TT-65-28444
TOMSK UNIV. TRUDY (USSR) V140 P120-7 1957	8-	TT-65-28466
TRAKTORY I SELKHOZMASHINY (USSR) V34 N12 P1-2 1964	2C	TT-65-30505
V35 N1 P1-11 1965	2C	TT-65-30609
TRUD, MOSCOW (USSR) 14 MAY P2 1965	13F	TT-65-31612
9 JAN P1 1965	13I	TT-65-30316
TSEMENT (USSR) V28 N6 P18-9 1962	13C	TT-65-28450
V29 N4 P4-5 1963	13B	TT-65-28396
TSENTRALNYI INSTITUT INFORMATSII TSVETNOI METALLURGII. BYULLETEN (USSR) N6(107) P19-22 1958	11F	TT-65-27890
TSENTRALNYI INSTITUT PROGNOZOV. TRUDY (USSR) V126 P38-46 1963	4B	TT-64-41897
TSENTRALNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT GEODEZII, AEROSEMKI I KARTOGRAFII. TRUDY (USSR) V146 P153-63 1962	8E	TT-65-28532
TSENTRALNYI NAUCHNO-ISSLEDOVATELSKII INSTITUT MORSKOGO FLOTA. TRUDY. (USSR) N5 P25-31 1956	11F	TT-65-28431
N5 P32-5 1956	11F	TT-65-28430
TSVETNYE METALLY (USSR) V37 N6 P66-71 1964	11F	TT-65-62624
V37 N8 P95-6 1964	5A	TT-65-30128
UCHENIE O ZEMNOVODNYKH I PRESMYKAYUSHCHIKHSYA, MOSCOW 1961 336P	6C	TT-65-50015
UGOL (USSR) V37 N3 P11-5 1962	12B	TT-65-28421
UHLI (CZECHOSLOVAKIA) V3 P311-6 1961	12B	TT-65-28425
UKRAINSKII KHIMICHESKII ZHURNAL (USSR) V25 N6 P735-8 1959	7D	TT-65-11834
UNIDENTIFIED CZECHOSLOVANIAN MONO. APR 1964 N5 42P	8G	TT-65-27860
UNIDENTIFIED FINNISH MONO 1964	20H	TT-65-27845
UNIDENTIFIED HUNGARIAN MONO. 1963/64 P154-65	8G	TT-65-27846
1963/64 P243-50	8G	TT-65-27847
UNIDENTIFIED RUSSIAN MONO. MOSCOW 1960	13I	TT-65-28439
1957 P80-101	8G	TT-65-28460
UNIWERSYTET MARII CURIE-SKLODOWSKIEJ. ANNALES. SECTIO AA. FIZIKA I CHEMIA (POLAND) V12 N13 P143-59 1960	20M	TT-65-28385
USPEKHI FIZICHESKIKH NAUK (USSR) V82 N2 P201-20 1964	20F	TT-65-62658
V85 N2 P197-258 1965	20I	TT-65-31343
USPEKHI MATEMATICHESKIKH NAUK (USSR) N3(99) P181-8 1961	12A	NCH-201 631
USPEKHI SOVREMENNOI BIOLOGII (USSR) V59 N2 P246-56 1965	6S	TT-65-31426
UZBEKSKII GEOLOGICHESKII ZHURNAL (USSR) V7 N3 P19-25 1963	8G	TT-65-11942
VAKUUM-TECHNIK)WEST GERMANY(V13 P185-91 SEP 1964	11F	NCH-201 079
VECHERNAYA MOSKVA (USSR) 29 JUL P1 1964	5C	TT-64-51012
VESTNIK SELSKOKHOZYAISTVENNOI NAUKI (USSR) V9 N7 P89-95 1964	2C	TT-65-28103
VESTNIK MASHINOSTROENIYA (USSR) V44 N11 P3-6 1964	11F	TT-65-30588
VETERINARNO-SANITARNYI NADZOR R MYASNOI PROMYSHLENNOSTI UTVERZHDENY GLAVNYM UPRAVLENIEM VETERINARII MSKH SSSR 10.2.1959. RAZDEL 6 I 7. 9P. NP ND	13B	TT-65-28100
VINODELIE I VINOGRADARSTVO SSSR V24 N2 P46-52 1964	2C	TT-65-30505
VOPROSY ARKHIVOVEDENIYA (USSR) V8 N4 P94-8 1963	5B	TT-64-51068
VOPROSY FILOSOFII (USSR) V19 N1 P135-45 1965	9D	TT-65-31389
VOPROSY PATOARKHITEKTONIKI LUCHEVCGO PORAZHENIYA, TIFLIS 1962 P58-66	6R	TT-64-51545
VOPROSY PSIKHOLOGII (USSR) V8 N6 P14-25 1962	9D	TT-65-11930
VOPROSY PSIKHOLOGII (USSR) V10 N5 P20-3C 1964	6S	TT-65-30122
VOPROSY VIRUSOLOGII (USSR) V10 N2 P226-8 1965	6M	TT-65-31126
VOPROSY YAZYKOZNANIYA (USSR) V14 N2 P92-6 1965	5G	TT-65-31108
VSESOYUZNII NAUCHNO-ISSLEDOVATELSKII INSTITUT ELEKTRIFIKATSII SELSKOGO KHOZYAISTVA. NAUCHNYE TRUDY (USSR) V8 P36-52 1961	13B	TT-65-28408
VSESOYUZNOE KHIMICHESKOE OBSHCHESTVO. ZHURNAL (USSR) V7, P330-4 1962	7A	TT-65-27843
VSESOYUZNYI GEOLOGICHESKII INSTITUT. TRUDY. (USSR) V17 P39-196 1956	8G	TT-65-28486
VSESOYUZNYI NEFTYANOI NAUCHNO-ISSLEDOVATELSKII GEOLOGO-RAZVEDOCHNYI INSTITUT. TRUDY (USSR) N128 P363-87 1958	11H	TT-65-28477
N133 P134-54 1959	8G	TT-65-28467
N133 P167-84 1959	8G	TT-65-28476
VYCHISLITEL'NAYA MATEMATIKA (USSR) V1 P62-80 1957	12A	TT-65-62654
VYCHISLITELNAYA TEKHNIKA I VOPROSY PROGRAMMIROVANIYA (USSR) V3 P63-83 1964	5G	TT-65-31112
V3 1964	6D	TT-65-31129
VYSHKA (USSR) 29 OCT P2 1964	7A	TT-65-30326
29 SEP P3 1964	5C	TT-64-51952
VYSCKA SKOLA BANSKA, SBORNIK VEDECKYCH PRACI (CZECHOSLOVAKIA) V9 N7 P1015-35 1963	13B	TT-65-27859
V9 N7 P1037-60 1963	8G	TT-65-27861
VYSCKA SKOLA TECHNICKA, KESIECE. SBORNIK VEDECKYCH PRAC (CZECHOSLOVAKIA) N1 1961	11F	TT-65-28398
VYSCKOMCLEKULYARNYE SOEDINENIYA (USSR)		

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V5 N2 P212-6 1963	7C	TT-65-11960
V6 N11 P1974-9 1964	7C	NCH-200 476
V6 N4 P605-7 1964	11I	TT-65-28551
V6 N6 P1128-31 1964	7C	TT-65-11880
V7 N1 P129-35 1965	7C	NCH-200 452
WATER TIJDSCHRIFT VOOR DRINKWATERVOORZIENING (NETHERLANDS)		
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TT-65-28406	11	TT-65-28406
TT-65-28407	7A	TT-65-28407
TT-65-28408	13B	TT-65-28408
TT-65-28409	8G	TT-65-28409
TT-65-28410	8G	TT-65-28410
TT-65-28411	11F	TT-65-28411
TT-65-28412	13I	TT-65-28412
TT-65-28413	11	TT-65-28413
TT-65-28414	11H	TT-65-28414
TT-65-28415	8G	TT-65-28415
TT-65-28416	7D	TT-65-28416
TT-65-28417	9C	TT-65-28417
TT-65-28418	9C	TT-65-28418
TT-65-28419	11B	TT-65-28419
TT-65-28420	11	TT-65-28420
TT-65-28421	12B	TT-65-28421
TT-65-28422	6C	TT-65-28422
TT-65-28423	7D	TT-65-28423
TT-65-28424	20K	TT-65-28424
TT-65-28425	12B	TT-65-28425
TT-65-28426	20K	TT-65-28426
TT-65-28427	6C	TT-65-28427
TT-65-28429	12A	TT-65-28429
TT-65-28430	11F	TT-65-28430
TT-65-28431	11F	TT-65-28431
TT-65-28433	11F	TT-65-28433
TT-65-28434	11H	TT-65-28434
TT-65-28435	11H	TT-65-28435
TT-65-28436	11B	TT-65-28436
TT-65-28437	8G	TT-65-28437
TT-65-28439	13I	TT-65-28439
TT-65-28442	6C	TT-65-28442
TT-65-28443	11E	TT-65-28443
TT-65-28444	11F	TT-65-28444
TT-65-28445	11E	TT-65-28445
TT-65-28446	11E	TT-65-28446
TT-65-28447	11E	TT-65-28447
TT-65-28448	9C	TT-65-28448
TT-65-28449	11B	TT-65-28449
TT-65-28450	13C	TT-65-28450
TT-65-28451	11E	TT-65-28451
TT-65-28452	11H	TT-65-28452
TT-65-28453	7A	TT-65-28453
TT-65-28454	6E	TT-65-28454
TT-65-28455	11F	TT-65-28455
TT-65-28456	11B	TT-65-28456
TT-65-28457	7A	TT-65-28457
TT-65-28458	7A	TT-65-28458
TT-65-28459	7A	TT-65-28459
TT-65-28460	8G	TT-65-28460
TT-65-28462	8G	TT-65-28462
TT-65-28464	21D	TT-65-28464
TT-65-28465	21D	TT-65-28465
TT-65-28466	8-	TT-65-28466
TT-65-28467	8G	TT-65-28467

ACCESSION/REPORT NO.	FLD/GP	ACCESS. NO.
TT-65-28468	8G	TT-65-28468
TT-65-28470	8G	TT-65-28470
TT-65-28474	8G	TT-65-28474
TT-65-28475	11H	TT-65-28475
TT-65-28476	8G	TT-65-28476
TT-65-28477	11H	TT-65-28477
TT-65-28479	20L	TT-65-28479
TT-65-28480	20L	TT-65-28480
TT-65-28481	20K	TT-65-28481
TT-65-28482	21G	TT-65-28482
TT-65-28483	11	TT-65-28483
TT-65-28484	8G	TT-65-28484
TT-65-28485	20M	TT-65-28485
TT-65-28486	8G	TT-65-28486
TT-65-28487	8G	TT-65-28487
TT-65-28488	8G	TT-65-28488
TT-65-28489	8K	TT-65-28489
TT-65-28490	8G	TT-65-28490
TT-65-28491	8G	TT-65-28491
TT-65-28519	8G	TT-65-28519
TT-65-28532	8E	TT-65-28532
TT-65-28551	11I	TT-65-28551
TT-65-28558	6C	TT-65-28558
TT-65-28561	6A	TT-65-28561
TT-65-28563	7C	TT-65-28563
TT-65-28564	9A	TT-65-28564
TT-65-28878	9B	TT-65-28878
TT-65-28881	21D	TT-65-28881
TT-65-30007	5K	TT-65-30007
TT-65-30046	7A	TT-65-30046
TT-65-30122	6S	TT-65-30122
TT-65-30128	5A	TT-65-30128
TT-65-30175	6P	TT-65-30175
TT-65-30241	18H	TT-65-30241
TT-65-30253	6D	TT-65-30253
TT-65-30270	13F	TT-65-30270
TT-65-30277	5A	TT-65-30277
TT-65-30290	13I	TT-65-30290
TT-65-30291	13F	TT-65-30291
TT-65-30297	6D	TT-65-30297
TT-65-30316	13I	TT-65-30316
TT-65-30325	13I	TT-65-30325
TT-65-30326	7A	TT-65-30326
TT-65-30369	7A	TT-65-30369
TT-65-30393	5A	TT-65-30393
TT-65-30394	6E	TT-65-30394
TT-65-30397	13F	TT-65-30397
TT-65-30428	6A	TT-65-30428
TT-65-30429	13F	TT-65-30429
TT-65-30469	2C	TT-65-30469
TT-65-30484	9C	TT-65-30484
TT-65-30489	7A	TT-65-30489
TT-65-30505	2C	TT-65-30505
TT-65-30518	5A	TT-65-30518
TT-65-30548	5I	TT-65-30548
TT-65-30556	2C	TT-65-30556
TT-65-30583	5C	TT-65-30583
TT-65-30588	11F	TT-65-30588
TT-65-30589	6R	TT-65-30589
TT-65-30597	6E	TT-65-30597
TT-65-30605	6D	TT-65-30605
TT-65-30606	5B	TT-65-30606
TT-65-30607	6D	TT-65-30607
TT-65-30609	2C	TT-65-30609
TT-65-30621	11F	TT-65-30621
TT-65-30650	2C	TT-65-30650
TT-65-30654	6D	TT-65-30654
TT-65-30656	5A	TT-65-30656
TT-65-30657	11F	TT-65-30657
TT-65-30660	13G	TT-65-30660
TT-65-30661	8F	TT-65-30661
TT-65-30683	6E	TT-65-30683
TT-65-30692	13I	TT-65-30692
TT-65-30693	6P	TT-65-30693
TT-65-30695	2C	TT-65-30695
TT-65-30697	6C	TT-65-30697
TT-65-30698	6E	TT-65-30698
TT-65-30711	18B	TT-65-30711
TT-65-30727	6E	TT-65-30727
TT-65-30735	13I	TT-65-30735
TT-65-30742	5B	TT-65-30742
TT-65-30754	6E	TT-65-30754
TT-65-30763	5A	TT-65-30763
TT-65-30774	11F	TT-65-30774
TT-65-30786	8A	TT-65-30786
TT-65-30802	11F	TT-65-30802
TT-65-30808	6E	TT-65-30808
TT-65-30810	6E	TT-65-30810
TT-65-30877	5C	TT-65-30877
TT-65-30900	6S	TT-65-30900
	6S	TT-65-30900
TT-65-30964	5B	TT-65-30964

ACCESSION/REPORT NO.	FLD/GP	ACCESS. NO.
TT-65-30973	9B	TT-65-30973
TT-65-30974	9B	TT-65-30974
TT-65-30984	5B	TT-65-30984
TT-65-30996	5A	TT-65-30996
TT-65-30997	13I	TT-65-30997
TT-65-31024	5A	TT-65-31024
TT-65-31049	5C	TT-65-31049
TT-65-31058	11F	TT-65-31058
TT-65-31073	20E	TT-65-31073
TT-65-31101	11I	TT-65-31101
TT-65-31102	5B	TT-65-31102
TT-65-31105	6T	TT-65-31105
TT-65-31106	6C	TT-65-31106
TT-65-31108	5G	TT-65-31108
TT-65-31112	5G	TT-65-31112
TT-65-31113	13I	TT-65-31113
TT-65-31121	6M	TT-65-31121
TT-65-31123	11F	TT-65-31123
TT-65-31126	6M	TT-65-31126
TT-65-31127	6E	TT-65-31127
TT-65-31129	6D	TT-65-31129
TT-65-31133	20H	TT-65-31133
TT-65-31134	11F	TT-65-31134
TT-65-31135	2C	TT-65-31135
TT-65-31183	17A	TT-65-31183
TT-65-31184	4B	TT-65-31184
TT-65-31209	13A	TT-65-31209
TT-65-31216	2C	TT-65-31216
TT-65-31224	6L	TT-65-31224
TT-65-31233	5J	TT-65-31233
TT-65-31238	11F	TT-65-31238
TT-65-31298	6C	TT-65-31298
TT-65-31299	5A	TT-65-31299
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TT-65-31304	6E	TT-65-31304
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TT-65-31315	6D	TT-65-31315
TT-65-31322	6S	TT-65-31322
TT-65-31336	8G	TT-65-31336
TT-65-31343	20I	TT-65-31343
TT-65-31348	5A	TT-65-31348
TT-65-31351	13I	TT-65-31351
TT-65-31354	6S	TT-65-31354
TT-65-31356	6D	TT-65-31356
TT-65-31357	6D	TT-65-31357
TT-65-31358	11F	TT-65-31358
TT-65-31359	9B	TT-65-31359
TT-65-31360	11F	TT-65-31360
TT-65-31361	9C	TT-65-31361
TT-65-31362	11F	TT-65-31362
TT-65-31364	6S	TT-65-31364
TT-65-31368	22A	TT-65-31368
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TT-65-31370	6S	TT-65-31370
TT-65-31377	13F	TT-65-31377
TT-65-31378	13I	TT-65-31378
TT-65-31381	11F	TT-65-31381
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TT-65-31393	2B	TT-65-31393
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TT-65-31410	5C	TT-65-31410
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TT-65-31426	6S	TT-65-31426
TT-65-31427	5I	TT-65-31427
TT-65-31429	13C	TT-65-31429
TT-65-31430	6E	TT-65-31430
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TT-65-31442	5G	TT-65-31442
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TT-65-31475	6T	TT-65-31475
TT-65-31478	10A	TT-65-31478
TT-65-31482	8F	TT-65-31482

ACCESSION/REPORT NO.	FLD/GP	ACCESS. NO.
TT-65-31489	8E	TT-65-31489
TT-65-31501	5C	TT-65-31501
TT-65-31502	6E	TT-65-31502
TT-65-31504	6E	TT-65-31504
TT-65-31505	6N	TT-65-31505
TT-65-31506	6E	TT-65-31506
TT-65-31507	6L	TT-65-31507
TT-65-31509	14C	TT-65-31509
TT-65-31510	6B	TT-65-31510
TT-65-31512	18C	TT-65-31512
TT-65-31513	2B	TT-65-31513
TT-65-31514	5D	TT-65-31514
TT-65-31515	5D	TT-65-31515
TT-65-31566	2D	TT-65-31566
TT-65-31568	3A	TT-65-31568
TT-65-31571	13F	TT-65-31571
TT-65-31583	6E	TT-65-31583
TT-65-31608	5B	TT-65-31608
TT-65-31610	6C	TT-65-31610
TT-65-31611	5C	TT-65-31611
TT-65-31612	13F	TT-65-31612
TT-65-31613	13I	TT-65-31613
TT-65-31614	13A	TT-65-31614
TT-65-31621	5D	TT-65-31621
TT-65-31622	6D	TT-65-31622
TT-65-31624	5K	TT-65-31624
TT-65-31626	6P	TT-65-31626
TT-65-31627	5D	TT-65-31627
TT-65-31628	5D	TT-65-31628
TT-65-31630	2C	TT-65-31630
TT-65-50309	6A	TT-65-50309
TT-65-62161	6S	TT-65-62161
TT-65-62518	6E	TT-65-62518
TT-65-62551	6M	TT-65-62551
TT-65-62552	6M	TT-65-62552
TT-65-62554	6M	TT-65-62554
TT-65-62556	6M	TT-65-62556
TT-65-62557	6M	TT-65-62557
TT-65-62558	6J	TT-65-62558
TT-65-62559	6M	TT-65-62559
TT-65-62561	6M	TT-65-62561
TT-65-62567	6A	TT-65-62567
TT-65-62571	5J	TT-65-62571
TT-65-62573	12B	TT-65-62573
TT-65-62575	7A	TT-65-62575
TT-65-62576	21E	TT-65-62576
TT-65-62579	21H	TT-65-62579
TT-65-62581	22C	TT-65-62581
TT-65-62582	20F	TT-65-62582
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TT-65-62590	8E	TT-65-62590
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TT-65-62592	21E	TT-65-62592
TT-65-62593	21G	TT-65-62593
TT-65-62596	14B	TT-65-62596
TT-65-62597	8N	TT-65-62597
TT-65-62616	20F	TT-65-62616
TT-65-62617	14B	TT-65-62617
TT-65-62618	6E	TT-65-62618
TT-65-62620	18H	TT-65-62620
TT-65-62621	11H	TT-65-62621
TT-65-62622	1C	TT-65-62622
TT-65-62623	1B	TT-65-62623
TT-65-62624	11F	TT-65-62624
TT-65-62625	20E	TT-65-62625
TT-65-62626	20K	TT-65-62626
TT-65-62627	20F	TT-65-62627
TT-65-62628	10A	TT-65-62628
TT-65-62629	6M	TT-65-62629
TT-65-62630	7C	TT-65-62630
TT-65-62631	11F	TT-65-62631
TT-65-62632	11D	TT-65-62632
TT-65-62633	11H	TT-65-62633
TT-65-62634	11H	TT-65-62634
TT-65-62636	20C	TT-65-62636
TT-65-62637	21D	TT-65-62637
TT-65-62638	20L	TT-65-62638
TT-65-62639	20D	TT-65-62639
TT-65-62640	9A	TT-65-62640
TT-65-62641	20L	TT-65-62641
TT-65-62642	13I	TT-65-62642
TT-65-62643	17G	TT-65-62643
TT-65-62644	7D	TT-65-62644
TT-65-62645	13G	TT-65-62645
TT-65-62647	17B	TT-65-62647
TT-65-62648	4A	TT-65-62648
TT-65-62649	9E	TT-65-62649
TT-65-62650	20M	TT-65-62650
TT-65-62651	20K	TT-65-62651
TT-65-62652	20K	TT-65-62652
TT-65-62654	12A	TT-65-62654
TT-65-62656	13A	TT-65-62656
TT-65-62658	20F	TT-65-62658

PRICE LIST

CFSTI ORDER NUMBER	FLD/GP	HC-PRICES-MF	
AD-617 070	6E	$10.00	$3.00
AD-617 374	6M	$1.00	$0.50
AD-617 375	6J	$1.00	$0.50
AD-617 376	6M	$1.00	$0.50
AD-617 387	6M	$1.00	$0.50
AD-617 388	M	$1.00	$0.50
AD-617 389	6M	$1.00	$0.50
AD-617 391	6M	$1.00	$0.50
AD-617 393	6M	$1.00	$0.50
AD-617 552	6A	$3.00	$0.50
AD-617 656	5J	$1.00	$0.50
AD-617 658	12B	$1.00	$0.50
AD-617 660	7A	$1.00	$0.50
AD-617 661	21E	$1.00	$0.50
AD-617 664	21H	$4.00	$0.75
AD-617 666	22C	$1.00	$0.50
AD-617 667	20F	$1.00	$0.50
AD-617 673	20B	$1.00	$0.50
AD-617 676	8E	$1.00	$0.50
AD-617 677	20L	$1.00	$0.50
AD-617 678	21E	$1.00	$0.50
AD-617 679	21G	$1.00	$0.50
AD-617 682	14B	$1.00	$0.50
AD-617 683	8N	$1.00	$0.50
AD-617 907	20F	$1.00	$0.50
AD-617 908	14B	$1.00	$0.50
AD-617 945	1B	$1.00	$0.50
AD-617 946	1C	$1.00	$0.50
AD-617 947	11H	$1.00	$0.50
AD-617 948	11H	$1.00	$0.50
AD-618 007	7C	$1.00	$0.50
AD-618 008	11F	$1.00	$0.50
AD-618 009	11D	$1.00	$0.50
AD-618 010	11H	$1.00	$0.50
AD-618 011	11H	$1.00	$0.50
AD-618 012	11F	$1.00	$0.50
AD-618 013	20E	$1.00	$0.50
AD-618 014	20K	$1.00	$0.50
AD-618 015	20F	$1.00	$0.50
AD-618 016	10A	$1.00	$0.50
AD-618 044	20C	$1.00	$0.50
AD-618 045	21D	$1.00	$0.50
AD-618 046	20L	$1.00	$0.50
AD-618 047	20D	$1.00	$0.50
AD-618 048	9A	$6.00	$1.50
AD-618 049	20L	$1.00	$0.50
AD-618 058	13I	$1.00	$0.50
AD-618 059	17G	$1.00	$0.50
AD-618 060	7D	$1.00	$0.50
AD-618 061	13G	$7.15	$2.00
AD-618 090	17B	$4.00	$0.75
AD-618 091	4A	$1.00	$0.50
AD-618 092	9E	$1.00	$0.50
AD-618 093	20M	$1.00	$0.50
AD-618 127	20K	$1.00	$0.50
AD-618 128	20K	$1.00	$0.50
AD-618 216	12A	$2.00	$0.50
AD-618 313	13A	$2.00	$0.50
AD-618 315	20F	$2.00	$0.50
N65-22968	6S	$3.00	$0.75
TT-64-11408/3-4	6E	$3.00	
TT-64-41177	2B	$1.00	$0.50
TT-64-41357E	13I	$2.00	$0.50
TT-64-41357G	13F	$1.00	$0.50
TT-64-41871	8E	$1.00	$0.50
TT-64-41897	4B	$1.00	$0.50
TT-64-41898	5G	$4.00	$0.75
TT-64-51012	5C	$1.00	$0.50
TT-64-51016	13I	$1.00	$0.50
TT-64-51061	5A	$2.00	$0.50
TT-64-51068	5B	$1.00	$0.50
TT-64-51359	6E	$1.00	$0.50
TT-64-51375	6E	$1.00	$0.50
TT-64-51533	6D	$1.00	$0.50
TT-64-51542	6S	$1.00	$0.50
TT-64-51545	6R	$1.00	$0.50
TT-64-51548	6E	$1.00	$0.50
TT-64-51549	6R	$1.00	$0.50
TT-64-51563	6P	$3.00	$0.75
TT-64-51573	6C	$1.00	$0.50
TT-64-51580	6R	$1.00	$0.50
TT-64-51613	6E	$1.00	$0.50
TT-64-51614	6M	$1.00	$0.50
TT-64-51641	8I	$1.00	$0.50
TT-64-51669	6R	$3.00	$0.75
TT-64-51683	11F	$1.00	$0.50
TT-64-51687	7A	$1.00	$0.50
TT-64-51688	8B	$1.00	$0.50
TT-64-51689	5A	$1.00	$0.50
TT-64-51694	10B	$1.00	$0.50
TT-64-51720	6M	$2.00	$0.50
TT-64-51825	6E	$2.00	$0.50
TT-64-51901	6P	$4.00	$0.75
TT-64-51902	8G	$1.00	$0.50
TT-64-51918	4B	$1.00	$0.50
TT-64-51921	6A	$2.00	$0.50
TT-64-51922	9B	$1.00	$0.50
TT-64-51928	20K	$1.00	$0.50
TT-64-51935	6E	$2.00	$0.50
TT-64-51942	9B	$2.00	$0.50
TT-64-51945	6P	$2.00	$0.50
TT-64-51952	5C	$1.00	$0.50
TT-65-20854	12A	$9.91	$3.00
TT-65-30007	5K	$1.00	$0.50
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Hollywood, California 90046

AGI
AGI Translations Office
American Geological Institute
1444 N Street, N. W.
Washington, D. C. 20005

AGS
American Geographical Society
Broadway at 156th Street
New York, New York 10032

AGU
American Geophysical Union
Suite 506, 1145 19th Street, N. W.
Washington, D. C. 20036

AIAA
American Institute of Aeronautics and Astronautics
500 Fifth Avenue
New York, New York 10036

AIBS
American Institute of Biological Sciences
2000 P Street, N. W.
Washington, D. C. 20006

AIP
American Institute of Physics
335 East 45th Street
New York, New York 10017

AIS
Argus Information Service
624 N. Eutaw Street
Baltimore, Maryland 21201

AM
Acta Metallurgica
122 East 55th Street
New York, New York 10022

AMS
American Mathematical Society
190 Hope Street
Providence, Rhode Island 02906

ANSP
Academy of Natural Sciences of Philadelphia
19th St. and The Parkway
Philadelphia, Pennsylvania 19103

API
Academic Press, Inc.
111 Fifth Avenue
New York, New York 10003

ARS
American Rocket Society, Inc.
20th and Northampton Streets
Easton, Pennsylvania 18042

ATS
Associated Technical Services, Inc.
P. O. Box 271
East Orange, New Jersey 07017

BGIRA
British Glass Industry Research Association
Northumberland Road
Sheffield 10, England

BIHR
Circulation Manager
Translations of the Beltone Institute for Hearing Research
2900 West 36th Street
Chicago, Illinois 60632

BISI
British Iron and Steel Industry Translation Service
The Iron and Steel Institute
4, Grosvenor Gardens
London, S. W. 1, England

BWRA
British Welding Research Association
Abington Hall, Abington
Cambridge, England

CB
Consultants Bureau Enterprises, Inc.
227 West 17th Street
New York, New York 10011

CBT
Centre Belge de Traductions
Bibliotheque Royale
4 Boulevard de l'Empereur
Brussels, Belgium

CCT
Consultants Custom Translations Inc.
227 West 17th Street
New York, New York 10011

CFSTI
Clearinghouse for Federal Scientific and Technical Information
Port Royal and Braddock Roads
Springfield, Virginia 22151
(Also available through Department of Commerce Field Offices)

CHP
Cleaver-Hume Press, Ltd.
31, Wright's Lane
London, W. 8, England

CID
Centro de Informacion y Documentacion,
Patronato Juan de la Cierva,
Serrano 150, Apartado 743
Madrid 6, Spain

CIDNT
Centralny Instytut Dokumentacji Naukowo-Technicznej
Warszawa 12
Aleja Niepodleglosci 188
Poland

CNP
Comitato Nazionale per la Produttivita
Service d'Information
Viale Regina Margherita N. 83D
Rome, Italy

CNRS
Centre National de la Recherche Scientifique
Centre de Documentation
15 Quai Anatole France
Paris 7, France

CSIR
Council for Scientific and Industrial Research
The Head
Information Division
P. O. Box 395
Pretoria, Republic of South Africa

CSIRO
Commonwealth Scientific and Industrial Research Organization
Information Service
314 Albert Street
East Melbourne C. 2, Victoria
Australia

CTRA
The Librarian
The Coal Tar Research Association
Oxford Road
Gomersal, Leeds, England

CTS (Chem)
Chemical Translating Service
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Palo Alto, California 94300

CTT
Columbia Technical Translations
5 Vermont Avanue
White Plains, New York 10600

DI
Circulation Unit
Department of the Interior
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DTC
Danish Translations Centre,
c/o Library of the Danish Atomic
Energy Commission,
Riso, Roskilde, Denmark

EIS
Engineering Information Services
Kirkham, Preston, Lancashire,
England

ES
Erica Stux
584 Moreley Avanue
Akron, Ohio 44320

ETC
European Translations Centre
Doelenstraat 101, Delft,
The Netherlands

ETH
Eidgenossische Technische
Hochschule
Zurich, Switzerland

ETHB
Eidgenossische Technische
Hochschulbibliotek
Leonhardstrasse 33
Zurich, Switzerland

EURO-T. S.
Euro-Translation Service
20 Rue Europe
Grivegnee (Liege), Belgium

FASEB
Federation of American Societies
for Experimental Biology
9650 Wisconsin Avenue
Washington, D. C. 20014

FRI
Fulmer Research Institute, Ltd.
Stoke Poges,
Buckinghamshire, England

FS
Direzione Generale
Azienda Autonoma delle Ferrovie
dello Stato
Centro di Documentazione
Piazza della Croce Rossa
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FT
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GB
Gordon and Breach
Publishers, Inc.
150 Fifth Avenue
New York, New York 10011

GPO
Superintendent of Documents
Government Printing Office
Washington, D. C. 20402

GPRC
Geophysical and Polar Research Center
6021 S. Highland Road
Madison, Wisconsin 53706

HB
Henry Brutcher
P. O. Box 157
Altadena, California 91001

HMSO
Her Majesty's Stationery Office
P. O. B. 569
London, S. E. 1, England

HTCBN
Hungarian Trading Company for Books
and Newspapers "Kultura"
Budapest 62, P. O. Box 149

ICE
International Chemical Engineering
345 East 47th Street
New York, New York 10017

IEEE
Institute of Electrical and
Electronics Engineers
275 Madison Avenue
New York, New York 10016

INFOSERV
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West Hartford, Connecticut
06097

INT
International Patent Service N. V.
3 Pondsmeade
Redbourne Hertfordshire
England

IP
Interscience Publishers, Inc.
250 Fifth Avenue
New York, New York 10001

IPST
Israel Program for Scientific
Translation
Kiryat Moshe
P. O. Box 7145
Jerusalem, Israel

ISA
Instrument Society of America
530 William Penn Place
Pittsburgh, Pennsylvania 15219

JBS
John B. Southard
100 E. Palisade Avenue Apt. B31
Englewood, New Jersey

K-H
Kresge-Hooker Science Library
Associates
Wayne State University
Detroit, Michigan 48202

LAND-AIR
Land-Air, Inc.
Pacific Missile Range
Point Mugu, California 95468

LC
Photoduplication Service
Publication Board Project
Library of Congress
Washington, D. C. 20540

LNEC
Laboratorio Nacional de
Engenharia Civil
Ministerio das Obras Publicas
Avenida do Brasil
Lisbon 5, Portugal

LS
Lingua Scientiae
Box 21086 Campus Station
Cincinnati, Ohio 45221

LSA
Literature Service Associates
Route 1
Bound Brook, New Jersey 08805

MACL
Maclaren and Sons, Ltd.
Maclaren House
131 Great Suffolk Street
London, S. E. 1, England

MACM
Macmillan Co.
60 Fifth Avenue
New York, New York 10011

MDF
Morris D. Friedman
7553 Waterford Drive
San Jose, California 95129

MFA/TS
Metal Finishing Abstracts
Translation Services
85 Udney Park Road
Teddington, Middlesex, England

MPIK
Max-Planck-Institut fur
Kohlenforschung
Bibliothek der Abteilung
Strahlenchemie Stiftstrasse 34-36
433 Mulheim and der Ruhr,
West Germany

MT
M. de O. Tollemache
Pennyford Cottage,
Burrington,
Umberleigh, Devon, England

MUL
Mulholland Engineering
Translations
26 Burton Woods Lane
Cincinnati, Ohio 45229

NASA
National Aeronautics and Space
Administration
1520 H Street, N. W.
Washington, D. C. 20546

NIAE
National Institute of Agricultural
Engineering
Wrest Park, Silsoe
Bedford, England

NLL
National Lending Library for science and Technology
Boston Spa, Yorkshire, England

NRC
National Research Council, Library
Ottawa 2, Canada

OB
Oliver and Boyd, Ltd.
Tweeddale Court
14 High Street
Edinburgh 1, Scotland

OSA
Optical Society of America, Inc.
33 University Road
Cambridge, Massachusetts 02138

PANSDOC
Pakistan National Scientific and Technical Documentation Centre
2/141-S
P.E.C.H.S.
Karachi 29, Pakistan

PERA
The Information Manager
Production Engineering Research Association
Melton Mowbray
Leicestershire, England

PLP
Plenum Press, Inc.
227 West 17th Street
New York, New York 10011

PP
Pergamon Press
44-01 21st Street
Long Island City, New York 11100

PS
Primary Sources
11 Bleecker Street
New York, New York 10012

RIA
Research International Associates
1522 Connecticut Avenue, N. W.
Washington, D. C. 20006

RIS
Research Information Service
Div. of Pergamon International Corp.
122 East 55th Street
New York, New York 10022

SA
Seizaburo Aoki
Japanese Language Translation Service
15/2027 Chogo
Fujisawa, Japan

SIAM
Business Manager
SIAM Publications
Box 7541
Philadelphia, Pennsylvania 19100

SIC
Scientific Information Consultants Limited
661 Finchley Road
London N. W. 2, England

SLA
SLA Translations Center
The John Crerar Library
35 West 33rd Street
Chicago, Illinois 60616

SSSA
Soil Science Society of America, Inc.
Program Director, Soviet Soil Science
677 South Segoe Road
Madison, Wisconsin 53711

ST
Scripta Technica, Inc.
1000 Vermont Avenue, N. W.
Washington, D. C. 20005

STC
Swedish Translation Centre
Kungliga Tekniske Hogskolans Bibliotek
Stockholm, Sweden

STS
Scientific Translation Service
1938 Verdugo Knolls Drive
Glendale, California 91200

STT
SCIENTECH, Scientific and Technical Translations
P. O. Box 3530
Cleveland, Ohio 44118

TC
Trans-Chem
Chemical Translation Service
1216 Oakdale, S. E.
Knoxville, Tennessee 37914

TDL
Mr. John Wiley
Technical Development Laboratories
P. O. Box 769
Savannah, Georgia 31400

TF
Taylor and Francis Ltd.
Red Lion Court, Fleet Street
London, E.C. 4, England

TIB
Technische Informationsbibliothek
Am Welfengarten 1,
Hannover, West Germany

TIC
Technical Information Company
Patents Department
Chancery House
Chancery Lane
London, W.C. 2, England

TP
Taurus Press, Inc.
207 East 37th Street
New York, New York 10016

TTIS
Translation and Technical Information Services
32 Manaton Road
London, S. E. 15, England

UBO
Royal University Library
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Oslo, Norway

WBI
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